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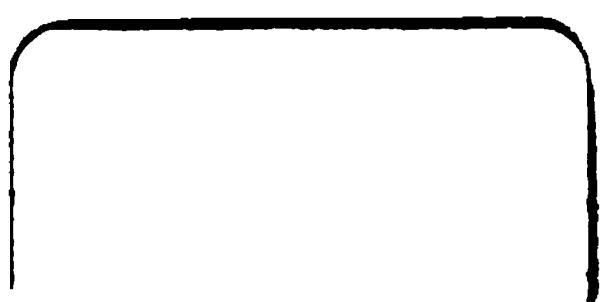
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AN
HISTORICAL VIEW
OF THE
DOMESTIC ECONOMY
OF
G. BRITAIN, AND IRELAND,
FROM
THE EARLIEST TO THE PRESENT TIMES:
WITH
A COMPARATIVE ESTIMATE
OF THEIR
EFFICIENT STRENGTH;
ARISING FROM
THEIR POPULOSITY, AND AGRICULTURE, THEIR
MANUFACTURES, AND TRADE,
IN EVERY AGE.

A NEW EDITION,
CORRECTED, ENLARGED, AND CONTINUED, TO 1812.

By GEORGE CHALMERS, F.R.S. S.A.
THE AUTHOR OF CALEDONIA,
AND OF THE CONSIDERATIONS ON COMMERCE,
COINS, AND CIRCULATION.

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1812.

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1812

**A WISE MAN IS NOT INQUISITIVE ABOUT THINGS
IMPERTINENT.**

BROOME.

mlj

Rep. Stacks
Harding
12-20-42
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THE
P R E F A C E.

DURING the struggles of a great nation, for her safety, or renown, conjunctures often arise, when the person, whose station does not admit of his giving advice, may offer his informations. The present [1782] seemed to be such a time. And the Compiler of the following sheets, having collected various documents with regard to the national resources, thought it his duty to make an humble tender to the public of that authentic intelligence, which, amidst the wailings of despondency, had brought conviction, and comfort, to his own mind.

Little have they studied the theory of man, or observed his familiar life, who have not remarked, that the individual finds the highest gratification, in deplored the felicities of the past, even amidst the pleasures of the present. Prompted, thus, by

temper, he has, in every age, complained of its decline, and depopulation, while the world was the most populous, and its affairs the most prosperous.

The reader, who honours the following sheets, with an attentive perusal, may probably find, that though we have advanced, by wide steps, during the last century, in the science of politics, we have still much to learn ; and that the summit can only be gained, by substituting accurate research, for delusive speculation, and rejecting zeal of paradox, for moderation of opinion.

Mankind are now too enlightened to admit of confident assertion, in the place of satisfactory proof ; or plausible novelty, for conclusive evidence : He, consequently, who proposes new modes of argument, must expect contradiction, and he, who draws novel conclusions, from uncommon premises, ought to enable the reader to examine his reasonings ; because it is just inquiry, which can alone establish the certainty of truth on the degradation of error : And little is, therefore, asserted, in the following sheets, without the citation of sufficient authorities, or the mention of authentic documents, which it is now proper to explain.

As early as the reign of James I., ingenuity exerted its powers to discover, through the thick

cloud, which then enveloped an interesting subject, the commercial value of our exports, and of our imports ; and from their notices, by an easy deduction, to find, whether we were gainers, or losers, by our traffic. Diligent inquirers looked into the entries at the Customhouse, as they knew, that since a duty of five in the hundred was collected on the value of commodities, which were sent out, and brought in, it would require no difficult calculation, to ascertain nearly the amount of both. And, during that reign, it was established as a rule, not only among merchants, but statesmen, to multiply the general value of the customs, inwards and outwards, by twenty, in order to find the true amount of the various articles, which formed the aggregate of our foreign trade.

Exceptionable as this mode was, it furnished, through several years of darkness, the only light, that our ancestors had to direct their inexperienced steps, notwithstanding the impatience of politicians, and the efforts of ministers. It is difficult to induce the old to alter the modes of their youth. When the committee of the privy council for trade, urged the commissioners of the customs, about the end of Charles II.'s reign—“ to enter the several commodities, which formed the exports, and imports ; to affix to each its usual price ; and to form a general total, by calculating the value of the whole,”—the Customhouse officers insisted,—“ that, to comply with such direc-

tions, would require one half of the clerks of London."—And the theorists of those times continued to satisfy their curiosity, and to alarm the nation, on the side of her commercial jealousy ; since there existed no written evidence, by which their statements could be proved, or their declamations confuted.

It was to the liberality, no less than to the perseverance, of the House of Peers, that the public were at last indebted, in 1696, for the establishment of the Inspector-General of the Imports and Exports, and for *the Customhouse Ledger*, which contains the particulars, and value of both ; and which forms, therefore, the most useful record, with regard to Trade, that any country possesses.

From this authentic register, the parliament was yearly supplied with details, either for argument, or deliberation ; and speculatists were furnished with extracts, for the exercise of their ingenuity, or the formation of their projects. It is from this commercial register, that *the value of cargoes exported*, which will be so often mentioned in this work, was also taken.

But, as actual enjoyment seldom ensures continued satisfaction, what had been demanded, for a century, when it was regarded, as unattainable, was ere long derided, as defective, when it was possessed. And theorists, who pointed out the

defects of an establishment, that could not be made perfect, found many believers; because men's pride is gratified, by seeing imperfection in all things. The office of Inspector-General was greatly improved, and energized, during the first administration of Mr Pitt,

When the committee of Peers, originally, affixed the price, whereby each article of export, and import, should in future be rated, they probably knew, that the successive fluctuation of demand, arising from the change of fashion, would necessarily raise the value of some articles, and sink the price of others; but, that the same fluctuation of taste, which, in one age, occasioned an apparent error, would, in the next, re-establish the rule. Nor did the Peers probably expect to ascertain the real value of the exports, or of imports, during the current year; as the prodigious extent of the calculation did not admit of a speedy deduction. But, they aimed, with a laudable spirit, to establish a standard, whereby a just comparison might be made, between any two given periods of the past; and thereby to infer, whether our manufactures, and commerce, prospered, or declined, prior to the current year. This information *the Ledger of the Inspector-General* does certainly convey, with sufficient accuracy, for the uses of practice, or the speculation of theory. The official value of the exports, and imports, has always been supposed to be much under the real value: from

recent experience, we are now able to state the true amount of both. The value of British manufactures, which were exported, was,

	Official Value.	Real Value.
In 1798 - -	<i>L.19,672,503</i> - -	<i>L.33,148,682</i>
1799 - -	<i>24,084,213</i> - -	<i>38,942,498</i>
1800 - -	<i>24,304,284</i> - -	<i>39,471,203</i>
1809 - -	<i>35,107,439</i> - -	<i>50,242,761</i>

By contrasting, in the following work, the average exports of distant years, we are enabled to trace the rise, the decline, or the progress of traffic, at different periods, even in every year. The Inspector-General, who established that Ledger, in 1696, was William Culliford; who was succeeded, by Dr Charles Davenant, in 1703. Yet, half informed writers have asserted, that Davenant was the original Inspector-General “who formed those “official values, in 1697.” *

It is to the same age, that we owe the establishment of *The Register-general of Shipping*. The

* The books of the late Board of Trade, which are in my keeping, evince, that William Culliford, who had been a Customhouse officer, in Ireland, was the *first Inspector-General*, who formed that Ledger in 1696. The Treasury Register proves, that on the 3d of June, 1703, Charles D'Avenant, Esq. was appointed Inspector-General of Exports and Imports, in the room of William Culliford, Esq. appointed a Commissioner of the Customs. We thus see, in the Treasury Record, that D'Avenant was appointed the *second Inspector-General*, at the end of seven years, after the establishment of that office, by Culliford.

original institution of this office arose from an indefinite clause, in the commission of the customs, during 1701. Thus it continued incidental to the appointment of the Customhouse commissioners, till “the act for the union with Scotland, requiring the then ships of Scots property to be registered, in this office, it was thought fit to give it a distinct establishment, and, at the same time, to extend the account, which was kept before, of all ships trading over-sea, or coastways, in England, to the ships in Scotland.” *

The same reasons, which had induced the traders to enter at the Customhouse, in respect to their merchandizes, rather too much, incited them, with regard to their vessels, to register the burthen rather too low; as a tonnage duty, they knew, would be often required of them, at many ports: in the first operation, they were governed, by their vanity; in the second, by their interest: and if the one furnishes an evidence too vague, the other gives a testimony too degrading. Thus have we, in the entries of the shipping, at the Customhouse, all the certainty, that the entries of merchandize has been supposed to want. And, in the following work, the quantity of tonnage, rather than the number of ships, has been always stated, at different periods, with the value of cargoes which they were supposed to transport, as being the most certain: When to the value of cargoes, the ton-

* Charles Godolphin's Memorial to the Treasury, Dec. 1717.

nage is added; in the following pages, the reader is furnished with a supplemental proof to the useful notices, which each separately conveys.

Of the tonnage of vessels, which will so often occur, in the subsequent sheets, it must be always remembered, that they do not denote so many distinct ships, which performed so many single voyages: for, it frequently happens, that one vessel enters, and clears, at the Customhouse, several times in one year, as the *colliers* of Whitehaven, and Newcastle: but, these repeated voyages were, in this manner, always made, and will constantly continue; so that, being always included, in the annual tonnage, we are equally enabled, to form a comparative estimate of the advance, or decline, of our navigation, at any two given epochs of the past. It is to be, moreover, remembered, that the British vessels enter at the Customhouse by the registered tons, and not by the measured burden of the ship, which is supposed to be formerly one-third more; so that the reader may in every year, through the following statements, calculate the tonnage at one-third more than the registered tonnage has given it, prior to the year 1786, when the new Register-act commenced. The Register-act of the late Earl of Liverpool has added great certainty to the record of shipping; and consequently has contributed much to the usefulness of the information, which the register of shipping truly conveys.

The office of Inspector-general of imports and exports, for Scotland, was established only, in 1755. And no diligence could procure authentic details of the Scottish commerce, from any other source of genuine information. The blank, which appears in the preceding period, as to the Scottish traffic, sufficiently demonstrates, that imperfect evidence, with regard to an important subject, is preferable to none; as the glimmerings of the faintest dawn is more invigorating than the gloom of total opacity. Connected accounts of the shipping of Scotland cannot be given before 1759; because it is only from this year, that they have been regularly entered at the Customhouse, at least constantly kept. In respect to these, the same allowance must be made for *repeated voyages*, and the same augmentation, for the *real burden*, more than the *registered tonnage*. It is not pretended, that the before-mentioned Customhouse books convey the certainty of demonstration. It is sufficient, that they contain the *best evidence, which the nature of the case admits*.

The subject of population is so intimately connected, with every estimate of the strength of nations, that the compiler was induced to inquire into the populousness of England, at different periods, from the earliest times to the present. In this difficult discussion, men, at once candid, and able, have spoken a language, often contradictory

to each other, and sometimes inconsistent with their own premises.

The Lord Chief Justice Hale, and Gregory King, in the seventeenth century, and Doctor Campbell and Doctor Price, during late times, maintained opinions directly the reverse of each other, in respect to the question, Whether the people of this island have not gradually increased, during every age, or sometimes diminished, amid public convulsions, and private misery? The two first—the one a great master of the rules of evidence—and the other a skilful calculator, have agreed in maintaining the affirmative of that question. Doctor Campbell has laboured to show, that the inhabitants of England diminished, in their numbers, under the misrule of feudal sovereigns. And Doctor Price has equally contended, that the people have decreased, since a happier government was introduced at *the Revolution*, and that they continue to decrease.

It is proposed to review, historically, the sentiments of each, with design rather to ascertain the authenticity of their facts, than to establish, or overturn, their several systems. The candid inquirer may perhaps see cause for lamenting, in his progress, that the learned are sometimes too confident, and the unlettered always too credulous. And the same inquirer will have an opportunity, as he advances, of listening to the sentiments of

his ancestors, on various topics of legislation, and of observing the condition of different ranks of men, previous to the period, at which THIS ESTIMATE properly begins.

THIS Estimate was first published, in 1782, at a moment of great despondency. The public approbation has called, successively, for several editions. It has been translated, meanwhile, into the French, the Russian, and other foreign languages. It has furnished comfort to the people, at home, from that year, to the present: and, during that long period, it has impressed upon the minds of other nations high ideas of the opulence, and power, of Great Britain. It also showed to our writers, on political economy, an example of how much importance it is, to collect many documents, and of trusting more to the weight of facts, than to the efficacy of words.

It was this Estimate, which disclosed to the Public, that, in every war, there is a point of depression, to which the spring of trade may be thrust down, by the force of hostilities; and from which, it invariably rebounds, with augmented force. This consoling discovery was impugned, at the commencement of the late war. It was not very difficult to prove that, what had always happened would again happen. Experience has now decid-

ed the certainty of that very comfortable truth for ever. At the epoch of that controversy, the whole value of our exports was 20,390,180l., in 1793: the official value of our exports, gradually rose to 38,120,120l., in 1800; and to 50,301,763l., in 1809; being of the real value of 66,017,712l. The experience of the present war, *which has been chiefly directed against commerce*, has added demonstration to certainty: the first effects of real hostilities reduced the amount of our exports, from 41,411,966l., in 1802, to 31,438,495l., in 1803: Yet, owing to the energies of our traders, and the necessities of the world, the official value of our exports, which had risen, in 1808, to 34,554,268l., rose, in 1809, to the unexampled amount of 50,301,763l., which are equal, in real value to 66,017,712l., sterling money. He must be a sturdy controvertist, who can out-argue such a demonstration of a truth, which is at once instructive and comfortable!

In this new edition, the *Chronological Table*, which has been new modelled, and corrected, has been continued down, by important additions, to the year 1812. Some corrections have been made, in the whole, and several additional chapters have been added; containing a full discussion of the various topics, which, during recent times, have attracted notice, by their novelty, and induced inquiry, by their moment.

During the war of 1756, Dr Brackenridge published degrading accounts of our population, which were transcribed into the foreign gazettes. His example was followed by the late Dr Price, during the American war. Seeing such doctrines propagated, during two successive wars, by eminent men, I thought I saw, in that coincidence, a settled purpose, to enfeeble the nation, at critical periods, in the eyes of foreigners. Dr Price contended, with more confidence, than knowledge, that the population of England, and Wales, had declined, since the Revolution, till it scarcely amounted to 5,000,000 of souls. I maintained, that our numbers had greatly increased, in that period ; and that the population of England, and Wales, in 1793, was 8,447,200 souls. The late enumeration has demonstrated, that there has been an increase, since the Revolution, of more than 2,840,000 people ; and that the number of souls, in England and Wales, during the year 1801, was more than 9,340,000. This enumeration, then, has buried the degrading doctrines of Brackenridge and Price, in ever-during discredit ; while their spirit has taken a very different direction towards public and private credit.

The question, now, is not, which of the disputants were right ; but, which of them, on both those occasions, maintained the *truth*. Experience, has, finally, decided those two national questions. Demonstration will for ever denounce

those ill-timed philosophers, who, as they delight, in dissenting from public opinion, take a pleasure, in frightening well-meaning people, with groundless apprehensions. But, it doth not beseem, saith Knolles, that this most wealthy state should be terrified, from that which is right, with any charges of war :—

“ The British Navy, through Ocean vast,
“ Shall wave her treble Cross t’ extremest climes,
“ Terrifick.” _____

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Page 450.

E R R A T A.

Page 46, line 9 from foot, for *about*, read *above*.

**— 72, line 5 from foot, for *seventy-eight tons each*,
read *ninety-eight tons each*.**

AN
HISTORICAL VIEW
OF
THE DOMESTIC ECONOMY
OF
GREAT BRITAIN, AND IRELAND.

CHAP. I.

General Observations upon the Causes, physical, and moral, which influence Population, in every Country.—The Populousness, Commerce, and Power, of England, prior to the Demise of Edward III.—The Number of People, 1377.—Reflections.

Of the existing numbers of Mankind, in successive ages of the world, various writers have given dissimilar accounts; because they did not always acknowledge the same facts, nor often adopt the same principles, in their most ingenious disquisitions.

The Lord Chief Justice Hale * formerly, and Sir James Stuart, † and the Count de Buffon, lately,

* In his *Primitive Origination of Mankind Considered.*

† In his *Political Economy.*

considered men, as urged, like other animals, by natural instincts ; as directed, like them, by the same motives of propagation ; and as subsisted afterwards, or destroyed, by similar means.

It is instinct, then, which, according to those great authors, is the cause of procreation ; but it is food, that keeps population full, and accumulates numbers. The force of the first principle, we behold in the multitudes, whether of the fish of the sea, the fowls of the air, or the beasts of the field, which are yearly produced : we perceive, however, the essential consequence of the last, from the vast numbers, that annually perish for want.

Experience, indeed, evinces, to what an immense extent domestic animals may be multiplied, by providing abundance of food. In the same manner, mankind have been found to exist, and increase, in every condition, and in every age, according to the standard of their subsistence, and to the measure of their comforts.

Hence, Mr Hume justly concludes, * that if we would bring to some determination the question, concerning the populousness of ancient, and modern, times, it will be requisite to compare the *domestic* and *political* situations of the two periods, in order to judge of the facts, by their moral causes ; because, if every thing else be equal, it seems reasonable to expect, that where there are the wisest

* In his Essays, Vol. I. Essay xi. On the Populousness of Ancient Nations.

institutions, and the most happiness; there will also be the most people.

Let us run over the history of England, then, with a view to those reasonings, and to this truth.

Settled probably about a thousand years before the birth of Christ, England was found, on the arrival of J. Cæsar, to contain a *great multitude of people*. But, this *observant author* transmitted notices, with regard to the modes of life, which prevailed among those, whom he came to conquer; whence we may judge of their numbers, with greater certainty, than from the accuracy of his language, or the weight of his authority: And, he submits to our judgement sufficient *data*, when he informs us, that the inhabitants of the inland country subsisted, by feeding of flocks; while their neighbours, along the shores of the ocean, were maintained, by the more productive labours of agriculture.

Having already arrived, some of the tribes, in the second, and others of them in the third stage of society, in its progress to refinement, the Britons were soon taught the arts of manufacture, and the pursuits of commerce, by their civilizing conquerors. A people, who annually employed eight hundred vessels, to export the surplus produce of their husbandry, must have exerted great industry, at home, and enjoyed sufficient plenty, from their own economy. Roman-Britain, of consequence, must have become extremely populous, when compared with former times, during that long period, from the arrival of the Romans, 55 years before

4 AN ESTIMATE OF THE STRENGTH [Ch. 1. from 1066

the birth of Christ, to the abdication of their government, in 446 of our æra.*

From this event, commenced a war of six hundred years continuance, if we calculate, the settlement of the Saxons, the ravages of the Danes, and the conquest of the Normans. A course of hostilities, thus lengthened beyond example, and wasteful above description, changed completely the political condition of the people, by involving them in ages of wretchedness. It was to those causes owing, that the inhabitants became divided, at the epoch of *The Conquest*, into five several classes: the barons, the free tenants, the free soccagers, together with the villains, and the slaves, who formed the great body of the people. †

A consideration of the foregoing events, it probably was, with the wretched condition of every order of men, which induced the Lord Chief Justice Hale, and Mr Gregory King, to agree in asserting, ‡ “that the people of England, at the arrival of the Normans, might be somewhat above two million.” And the notices of that most instructive record, the Domesday Book, seem to justify the conjectures of both, by exhibiting satisfactory proofs of a very scanty population, at

* See Mr Whitaker's History of Manchester, vol. i., which gives the best account of the British, and Roman-British period of our Annals.

† Id.

‡ Origination of Mankind; and Dr Davenant's Works.

that memorable epoch, in the country, as well as in the towns. *

The annals of England, from the epoch of the Conquest, to the date of the Great Charter, [from 1066 to 1215], are filled with revolutions in the government, and insurrections of the people; with domestic ravages, and foreign war; with frequent famines, and their attendant, pestilence.

Doctor Campbell has enumerated † various circumstances to demonstrate the unhappiness of the nation, during those times, which were equally ferocious, and unsettled; and, by necessary consequence, to show the constant decline of their numbers.

Few revolutions, said he, even when achieved, by the most wasteful conquerors, appear to have been attended, with so sudden a revolution, both of property, and of power, as that, which William I. unhappily introduced into England. The constitution, from being limited, and free, became at once arbitrary, and severe. While the ancient nobility seemed to be annihilated, the Saxon people

* In Mr Whitaker's History of Manchester, vol. ii. p. 345—354, there is a very curious table of the rates, for most of the necessaries of life, both at home, and abroad, in the seventh, eighth, tenth, and eleventh centuries; whereby it appears, that such necessaries were much dearer formerly than at present; and that most things were, in those ages, much dearer, at home, than abroad: It is apparent, then, that though we are often imposed upon, by the denominations of money, the great body of the people did not live so comfortably, in those good old times, as at present.

† Political Survey, 2 vol. ch. iii.

were assuredly reduced to villainage. And those revolts ensued, successively, which necessarily arise, when a gallant people are despised, at the same time, that they are oppressed. The Conqueror, urged partly by revenge, perhaps more by policy, was provoked, by the insurrection of the northern counties, to prescribe remedies, as severe, as they were barbarous. He so effectually depopulated the extensive country, from *the Humber to the Tees*, that it lay for years uncultivated, whereby multitudes perished, for want. The pleasures of *William* too were as destructive to the people as his anger. In forming the New Forest, he laid waste, it is said, an extent of thirty miles, in Hampshire, without regarding the cries of villagers, or the sacredness of churches. And his gratitude to his supporters, though attended with less violence, produced, in the end, consequences still more fatal, with regard to the depopulation of England, than had resulted, either from his resentment, or his sport. He distributed the whole kingdom to about seven hundred of his principal officers, who afterwards divided among their followers the spoils of the vanquished, on such precarious tenures, as secured the submission of the lower orders, though not their happiness.

The Conqueror's measures, thus harshly executed, continued to influence all ranks of men, long after the terrors of his government had ceased; and while they neither secured the quiet, nor promoted the plenty of the nation, his rigours probably added very few to the numbers of the people.

The great charter of John made no alteration, in public law, nor any innovation in private rights : and though it conferred additional security on the free, it gave little freedom to the slave. Yet, the barbarous license both of kings, and nobles, being thenceforth somewhat restrained, government, says Mr Hume,* approached, by degrees, nearer to that end, for which it was instituted, the equal protection of every order in the state.

This general reasoning, however just, did not impose on the sagacity of Dr Campbell, who minutely examined † every circumstance, in our subsequent annals, that tended either to retard, or promote, an effective population. He found no event, in the long reign of Henry III., filled as it was with distraction, proceeding from weakness, and with civil war, the result of turbulence, which could have added one man to our numbers. Though historians have celebrated the following reigns of our Edwards, as the most glorious, in our annals ; yet, he remarked, that, during a period, wherein there were scarcely ten years of peace, the eclat of victories, the splendour of triumphs, or the acquisition of distant territories, did not compensate the loss of inhabitants, who continually decreased, from the waste of foreign, and civil, wars, and from the debility of pestilential distempers, arising from a wretched husbandry, as much as, from a noxious state of the atmosphere. It was a

* In his History.

† In his Political Survey, 2 vol. chap. iii,

shrewd remark of Major Graunt,* when he was reflecting over “*the sickliness, the healthfulness, and fruitfulness, of seasons,*” that “*the more sickly the years are, the less fruitful of children they also be.*” †

The first notice, which the Parliament seem to have taken of the paucity of inhabitants, may be seen in the *Statute of Labourers*, that was enacted, in 1349. This law recites—“That whereas a great part of the people, and especially of workmen, and servants, late died of the pestilence, many, seeing the necessity of masters, and great scarcity of servants, will not serve, unless they receive excessive wages, some being rather willing to beg in idleness, than by labour to get their living:” Considering, therefore, “the grievous incommodities, which of the lack, especially of ploughmen, and such labourers, may hereafter come,” Edward III. with the assistance of the *prelates*, the *nobles*, and the *learned men*, ordained a variety of regulations, which were unjust, in their theory, and violent in their execution. ‡ This edict of the King, and his council, was enforced by the legislature, in the subsequent year—“on the petition of the com-

* In his *Observations on the Bills of Mortality*, 1662.

† There were no fewer than one-and-twenty *dearths* and *famines* from 1069 to 1355. See a Collection of the most remarkable dearths, and famines, published by Edward Howe, in 1631.

‡ These regulations may be seen in Cay’s Collection of Statutes, vol. i. p. 261—3; and sufficiently prove to what a deplorable

morality, that the said servants, having no regard to the said ordinance, but to their ease, and singular covetise, do withdraw to serve great men and other, unless they have wages and living to the double and treble of that they were wont to take the twentieth year of the king that now is." May we not infer, from the recital of these statutes, that a considerable revolution had now taken place, both in the manners, and money, of the nation?

Yet, after adjusting minutely the prices of labour, of natural products, and even of manufactures, the statute of the 23d Edward III. directed, "That the artificers should be sworn to use their crafts as they did in the twentieth year of the same king" * [1346], under the penalty of imprisonment, at the discretion of the Justices. The Par-deplorable state of slavery the collective mass of the people was then reduced. "Every able-bodied person under sixty years of age, not having sufficient to live on, being required, shall be bound to serve him that doth require him, or else shall be committed to gaol, till he finds security to serve. If a servant, or workman, depart from service before the time agreed upon, he shall be imprisoned. If any artificer take more wages than were wont to be paid, he shall be committed to gaol." The severity of these penalties was soon greatly increased by the 34th Edward III., which directs, "That if any labourer or servant flee to any town, the chief officer shall deliver him up: and if they depart to another county, they shall be burnt in the forehead with the letter F." Thus, says Anderson, they lived, till manufactures drove slavery away.—*Chron. Ac. of Com.* v.i.p. 204.

* Chap. 1—7.

liament busied themselves, year after year, in regulating labour, which had been defrauded of its just reward, by considerable defalcations from the coin. * During an administration less active, and vigorous, and respected, than Edward's, such regulations had produced tumult, and revolt. Scarcely indeed was that great monarch laid in his grave, when the confirmation of the same statutes, by his feeble successor, gave rise to the memorable rebellion of Tyler, and Straw, which was so destructive, in its immediate effects, yet proved so beneficial, in its ultimate consequences ! The common people acquired implied liberty, from insurrection, while the Parliament were enacting, † “ *That forced manumissions should be considered as void.* ” Yet, such are the revolutions, which insensibly take place, during ages of darkness, before the eyes of chroniclers, who are carried away, by the sound of words, without regarding the efficacy of things.

The declamatory recitals of such statutes ought, generally, to be regarded, as slight proofs of the authenticity of facts, unless where they are supported, by collateral circumstances. From the re-

* From the value of *the pound*, or twenty shillings, in present money, as established by Edward I. in 1300, there were deducted by Edward III. in the 18th of his reign, 4s. 11½d, and in the 20th of his reign, 9½d. more; so that there had been taken no less than five shillings and nine-pence, from the standard pound, as settled in 1300, of 2l. 17s. 5d.—*Harris on Coins*, part ii. ch. 1.

† By the 5th Richard II.

iterated debasement of the coin, which proceeded from the expensive wars of Edward III, we might be apt to infer, that the recited destruction of the pestilence was merely a pretence, to palliate motives of avarice, or to justify the rigours of oppression.

On the other hand, Doctor Mead assures us, that the greatest mortality, which has happened, in later ages, was about the middle of the fourteenth century ; when the plague, that seized England, Scotland, and Ireland, in 1349, *is said* to have dispeopled the earth of *more than half* of its inhabitants.* The Commons petitioned, during the Parliament † of 1364, that, in consideration of the preceding pestilence, the King would allow persons, who held lands of him in chief, to let leases without a license, as had been lately practised, *till the country were become more populous*. From the 23d of Edward I. when the cities, and boroughs, are said to have been first formally summoned to Parliament, to the demise of Edward IV, the sheriffs often returned, *That there were no cities, or boroughs, in their counties, whence representatives could be sent*. This form of expression, Doctor Brady ‡ has very justly explained to mean, That the towns were so depopulated, and poor, as to be unable to pay the accustomed expenses of delegates. The truth of that representation,

* Discourse concerning Pest. Contag. p. 24—5.

† Cott. Abt. of Records, p. 97.

‡ Of Boroughs, p. 125, &c.

and of this commentary, seems to be confirmed by a law of Henry VII. ; * which recites, That where, in some towns, two hundred persons lived, by their lawful labours, now they are occupied by two or three herdsmen, and the residue fall into idleness : And, from the foregoing facts, we may surely infer, that there must have been a great paucity of people, in England, during those *good old times*; at least, towards the conclusion of the celebrated reign of Edward III.

From incontrovertible evidence, we can now establish the whole number of inhabitants, at that epoch, with sufficient exactness, to answer all the practical purposes of the statesman, and even to satisfy all the scrupulous doubts of the sceptic. A poll-tax of four-pence, having been imposed by the Parliament of the 51st of Edward III. (1377), on every *lay* person, as well male, as female, of *fourteen* years, and upwards, real mendicants only excepted, an official return remains of the persons who paid the tax, in each county, city, and town, which has been happily preserved. † And, from this

* 4th Henry VII. ch. 19; which is published, in the Appendix to Pickering's Statutes, vol. xxiii.

† This record, so instructive as to the state of England at the demise of Edward III., was laid before the Antiquary Society, in December 1784, by the late Mr Topham of the Paper-Office; a gentleman, whose curious research, with regard to the jurisprudence, and history of his country, as well as communicative disposition, merits commendation. Mr Topham observed, that the sum collected, in consequence of the subsidy

Subsidy-roll. it appears, that the *lay* persons, who paid the before mentioned poll-tax, amounted to - - - - - 1,367,239.

When we have ascertained what proportion the persons paying bore to *the whole*, we shall be able to form a sufficient estimate of the total population. It appears from the table formed by Doctor Halley, according to the Breslaw births and burials ; from the Northampton Table ; from the Norwich Table ; and from the London Table, constructed by Mr Simpson ; as these Tables were published by the late Dr Price ; * That the persons, at any time, living *under* fourteen years of age, are a good deal fewer than *one-third* of the co-existing lives. And the *lay* persons, who paid the tax, in 1377, must consequently have been a *good deal more* than *two-thirds* of the whole.

But, since there may have been omis-

sions of the persons paying, amount-

ing to - - - - - 1,367,239

Add a half to that amount - 683,619

2,050,858

sidy of 1377, being 22,007l. 2s. 8d., contained only 1,356,428 groats, which ought to have been the amount of those, who were fourteen years of age, and upwards : But, I have chosen to state the number of persons, who are mentioned in the roll as having paid, in each county and town, amounting to 1,367,239, though the total, mistakingly added on the record, is 1,376,442.

* Observ. on Revers. Payments, vol. ii. p. 35—6, 39—40.

14 AN ESTIMATE OF THE STRENGTH [Ch. I. from 1086

Brought over -	2,050,858
Add the number of beneficed clergy paying the tax - - - -	15,229
And the non-beneficed clergy -	13,932
	<hr/>
	2,080,019

But, Wales, not being included in this roll, is placed on a footing with Yorkshire,* at - - - .	196,560
Cheshire, and Durham, having had their own receivers, do not appear on the roll ; the first is ranked with	
Cornwall, at - - - -	51,411
The second with Northumberland, at	25,213
	<hr/>
The whole people of England and } Wales - - - - - }	2,353,203
	<hr/>

* From Dr Davenant's Table (in his *Essay on Ways and Means*, p. 76.) it appears, that Wales paid a much smaller sum to the poll-tax of the 1st of William and Mary, to the quarterly poll, and indeed to every other tax, and contained a much lower number of houses, according to the hearth-books of Lady-day 1690, than Yorkshire. It was giving a very large allowance to Wales, when this country was placed on an equality with Yorkshire, which paid in 1377, for 131,040 lay persons. The population of Cheshire, and Durham, was settled upon similar principles ; and is equally stated in the text at a medium rather too high : So that, as far as we can credit this authentic record, in respect to the whole number of lay persons upwards of fourteen years of age, we must believe, that this kingdom contained, at the demise of Edward III., about two MILLIONS, three hundred and fifty-three thousand souls ; making a reasonable allowance, for the usual omissions of taxable persons.

We can now build upon a rock ; having before us proofs, which are almost equal in certainty to actual enumerations. Yet, what a picture of public misrule, and private misery, does the foregoing statement display, during an unhappy period of three hundred years ! We here behold the powerful operation of those causes of depopulation, which Doctor Campbell collected, in order to support his hypothesis of a decreasing population, in *feudal times*. But, were we to admit, that one half of the people had been carried off by the desolating plague of 1349, as Doctor Mead supposes ; or even one-third, as Mr Hume represents with greater probability ; we should find abundant reason to admire the solidity of Lord Hale's argument, in favour of a progressive population ; because this circumstance would alone evince, that there had been, in that long effluxion of time, a considerable increase of numbers, during various years of healthiness, and in different ages of tranquillity. We may now cry out with Daniel :—

And MEMORIE, preserv'resse of all things done,
Come thou, unfold the woundes, the wracke, the waste :
Reveale to me, how all the strife begunne

—————— in ages past :

How causes, counsels, and events did runne,
So long as those unhappy times did last,
Unintermix'd with fictitious fantasies,
I verifie the troth ; not poetize.

C H A P. II.

The Population in the principal Towns of England, during 1377.—Reflections.—The Populousness, Commerce, Policy, and Power of England, from that Epoch to the Accession of Elizabeth.

THE truth of Lord Hale's conclusion, with regard to a progressive increase of people, would appear still more evident, if we were to form a comparison between the notices of Domesday Book, and the statements of the Subsidy-roll before-mentioned, which would show a much inferior populousness, soon after the Conquest, in 1077; than at the demise of Edward, in 1377.

We shall, certainly, find additional proofs, and, perhaps, some amusement, from taking a view of the population of our principal towns, as they were found, and are represented, by the tax-gatherers, in 1377, and in 1801:—

	Number of Laymen.	Number of Souls.	No. of People in 1801.
London paid for - - - - 29,314			
contained consequently about -	34,971	865,000	
York, for - - - - - 7,248	10,872	16,145	
Bristol, for - - - - - 6,345	9,517	63,645	
Plymouth, for - - - - - 4,837	7,255	43,194	
Coventry, for - - - - - 4,817	7,225	16,049	

	Number of Laymen.	Number of Souls.	No. of People in 1801.
Norwich, * for - - - - -	3,952	5,928	36,854
Lincoln, for - - - - -	3,412	5,118	7,398
Sarum, (Wilts) for - - - - -	3,226	4,839	7,668
Lynn, for - - - - -	3,127	4,690	10,096
Colchester, for - - - - -	2,955	4,432	11,520
Beverley, for - - - - -	2,663	3,994	5,401
Newcastle on Tyne, for - -	2,647	3,970	28,366
Canterbury, for - - - - -	2,574	3,861	9,000
St Edmondsbury, for - - -	2,442	3,663	7,655
Oxford, for - - - - -	2,357	3,535	11,694
Glocester, for - - - - -	2,239	3,358	7,579
Leicester, for - - - - -	2,101	3,151	16,953
Salop, for - - - - -	2,082	3,123	14,739

The foregoing, are the only towns, which, in 1377, paid the poll-tax of a groat, for more than two thousand lay persons, of fourteen years of age, and upwards. And their inconsiderableness exhibits a marvellous depopulation, in the country, and a lamentable want of manufactures, and of commerce, every where, in England. London then was, what Newcastle is now. The state of Scotland was still more wretched, with regard to all those circumstances. Domesday Book represents our cities to have been little superior to villages, at the Conquest, † and much more incon-

* Dr Price talked of Norwich having been a great city, formerly. The Domesday Book shows, sufficiently, the diminutiveness of our towns in 1077: and Mr Topham's Subsidy Roll puts an end to conjecture, with regard to the populousness of any of them, anterior to 1377.

† See Brady on Boroughs.

siderable than they certainly were, at the demise of Edward III. By adding the numbers, which were found, in those cities, in 1801, we see the mighty change, which different times, and a more salutary government, have happily produced.

The informations of contemporary writers would, nevertheless, lead us to consider those early reigns, as times of overflowing populousness. Amidst all that depopulation, Edward III. is said to have suddenly collected, in 1360, a hundred thousand men, whom he transported, in eleven hundred vessels, to France.* It did not, however, escape the sagacity of Mr Hume, when he reflected on the high pay of the soldiers, that the numerous armies, which are mentioned, by the historians of those days, consisted chiefly of ragamuffins, who followed the camp for plunder. In 1382, the rebels, says Daniel, † suddenly marched towards London, under Wat Tyler, and Jack Straw, and mustered, on Blackheath, sixty thousand strong, or, as others say, an hundred thousand. In 1415, Henry V. invaded France, with a fleet of sixteen hundred sail, ‡ and fifty thousand combatants, who, not long after, won the glorious battle of Azincourt. Our history is filled with such instances of vast armies, which had been hastily levied, for temporary enterprizes: yet, we ought not thence to infer, that the country was overstocked with inhabitants. This truth is

* Ander. Chron. Ac. of Com. v. i. p. 191.

† History of Richard, in Kennet, p. 245.

‡ Ander. Chron. Ac. of Com. v. i. p. 245.

extremely apparent, from the statute of the 9th Henry V. which recites, “ That whereas, at the making of the act of the 14th of Edward III: (1340) there were sufficient of proper men, in each county, to execute every office ; but that; owing to pestilence, and wars, there are not now (1421) a sufficiency of responsible persons, to act as sheriffs, coroners, and escheators.” The laurels, which were gained by Henry V. are well known, says Barrington, the learned Observer on the ancient statutes ; but he hath left us, in the preamble of one of his statutes, most irrefragable proof, that they were not obtained; but at the dearest price, *the depopulation of the country.*

The facility, with which great bodies of men were collected, in those early ages, exhibits, then; for our instruction, a picture of manners, idle, and licentious ; and shows only, for our comfort, that the most numerous classes of mankind existed in a condition, which is not to be envied by those, who, in better times, enjoy either health, or ease.

The period, from the accession of Henry IV: in 1399, to the proclamation of Henry VII. in 1485, may be regarded as the most disastrous, in our latter annals ; because, a civil war, which was remarkable, for the inveteracy of the leaders, and for the waste of the people, began with the one event, and ended with the other. Doctor Campbell has collected the various circumstances of depopulation ; tending to prove, that the number of inhabitants, which, before the bloody contests,

between the Lancastrians, and Yorkists, began, had been already much lessened, was, in the end, greatly reduced, by a series of the most destructive calamities. The monuments of more settled times were demolished ; the country was laid waste ; cities sunk into towns, while towns dwindled into villages : and universal desolation is said to have ensued. Nor, was the condition of the country much meliorated, by the re-establishment of domestic quiet. If, indeed, we could implicitly credit the recitals of the laws of Henry VII, we should find sufficient evidence, “ That great desolations daily do increase, by pulling down, and wilful waste of houses, and towns, and by laying to pasture, lands, which customably have been used in tillage.”

An important change had certainly taken place, meanwhile, in the condition of the great body of the people, which, fortunately, promoted their happiness ; and which, consequently, proved favourable to the propagation, and comfort, of the species.

There existed in England, at the Conquest, no *free hands*, or *freemen*, who worked for wages ; since the scanty labour of times, warlike, and un-industrious, was wholly performed by *villains*, or by *slaves*. The latter, who composed a very numerous class, equally formed an object of foreign trade, for ages after the arrival of the Conqueror, who only prohibited the sale of them to infidels.* But *the slaves* had happily departed from the land,

* Dr Henry's History of Great Britain, vol. ii. p. 479—80.

before the reign of Henry III. This we may infer from the law declaring, in 1225, “*How men of all sorts shall be amerced :*”* and it only mentions villains, freemen, (though probably not in the modern sense), merchants, barons, earls, and men of the church. Another order of men is alluded to, rather than mentioned, during the same session; whom we shall find, in after times, rising to great importance, from their numbers, and opulence. And a woollen manufacture, having already increased to that stage of it, when frauds begin, was regulated by the act, † which required, that “*there shall be but one measure, throughout the realm.*”

Yet, this manufacture continued inconsiderable, during the warlike reign of Edward I., and the turbulent administration of his immediate successor, if we may judge, from the vast exportations of wool.

The year 1331 marks the first arrival of Walloon manufacturers, when Edward III. wisely determined, to invite foreigners into England, ‡ to instruct his subjects, in the useful arts. As early as the Parliament of 1337, it was enacted, That no wool should be exported; that no one should wear any but English cloth; that no cloths made beyond seas should be imported; that foreign clothworkers might come into the king’s domi-

* 9 Henry III. ch. 14.

† 9 Henry III. ch. 25.

‡ Ander. Chron. Ac. of Com. v. i. p. 162.

nions, and should have such franchises, as might suffice them. This may be considered, as one of the first statutes, which gave commercial efficacy to the mercantile system.

Before this time, says De Wit, * when the tumults of the manufacturers in Flanders, obliged them to seek shelter in other countries, the English were little more than shepherds and wool-sellers. From that epoch, manufactures became often the objects of legislation; and the spirit of industry will be found, to have promoted greatly the state of population; and to have augmented considerably the opulence of every rank.

The statutes of labourers of 1349 and 1350 demonstrate, that a considerable change had taken place, in the condition, and pursuits, of the most numerous classes. During several reigns, after the Conquest, men laboured, because they were slaves: For some years, before these regulations, of the price of work, men were engaged to labour, from a sense of their own freedom, and of their own wants. It was the statutes of labourers, † which, adding the compulsion of law to the calls of necessity, created oppression for ages, while they ought to have given relief. It is extremely difficult,

* Interest of Holland.

† See the 12th Richard II. ch. 3, 4, 5, 6, 9. By these, no artificer, labourer, servant, or victualler, shall depart from one Hundred to another, without license under the king's seal. These laws, says Anderson, are sufficient proofs of the slavish condition of the common servants, in those times (1388).

to ascertain the time, when villainage ceased in England, or even to trace its decline. The Edwards, during the pressure of their foreign conquests, certainly manumitted many of their villains, for money. Owing to the previous fewness of inhabitants, the numerous armies, which, for almost a century, desolated the nation, amidst our civil wars, must have been necessarily composed of the lower ranks : and we may reasonably suppose, that the men, who had been brought, from the drudgeries of slavery, to contend as soldiers, for the honour of nobles, and the rights of kings, would not readily relinquish the honourable sword, for the meaner ploughshare. The church, even in the darkest ages, laudably remonstrated against the unchristian practice of holding fellow men in bondage. The courts of justice did not willingly enforce the master's claim, to the servitude of his villains, till, in the progress of knowledge, interest discovered, that the purchased labour of freemen was more productive, than the listless, and ignoble toil of slaves. Owing to those causes, there were certainly few villains in England, at the accession of Henry VII. ; * and the great body of the people, having thus gained greater freedom, and with it

* The statute of 23 Henry VI. chap. 12, mentions only servants, artificers, workmen, and labourers ; and there is a distinction made between husbandry servants, and domestic servants. Yet, villains are spoken of, even in our courts of justice, though seldom, as late as the time of James I.

greater comfort, henceforth acquired the numerous blessings, which every where result from an orderly administration of established government.

During almost a century, before the accession of Henry VII. in 1485, the manufacturers of wool, with their attendant artificers, had fixed the seats of their industry, in every county, in England. The principle of the act of navigation had been introduced into our legislation, as early as 1381, by the law declaring, * “ That none of the king’s subjects shall carry forth, or bring in, merchandizes, but only in ships of the king’s allegiance.” The fisheries too had been encouraged. † Agriculture had been moreover promoted, by the law, which declared, ‡ “ That all the king’s subjects may carry corn out of the realm, when they will.” And *guilds, fraternities, and other companies*, having, soon after their creation, imposed monopolizing restraints, were corrected by a law of Henry VI.; § though our legislators were not very steady, during an unenlightened age, in the application of so wise a policy.

In reading the laws of Edward IV. we think ourselves in modern times, when the spirit of the mercantile system was in its full vigour, before it had been so perspicuously explained, and so ably

* 5 Richard II. ch. 3.—6 Richard, ch. 8.

† By 6 Richard II. ch. 11, 12.

‡ 17 Richard II. ch. 7.

§ 15 Henry VI. ch. 6.

exploded.* It is, however; in the laws † of Richard III. that we see more clearly the commercial state of England, during the long period, wherein the English people were unhappily too much engaged in *king-making*. In those inauspicious times, was the trade of England chiefly carried on, by Italians, at least by merchants, from the shores of the Mediterranean. The manufacturers were composed mostly of Flemings, who, under the encouragement of Edward III. had fled, from the distractions of the Netherlands, for repose, and employment, in England. And, the preamble of one of Richard's laws, ‡ will furnish a convincing proof, that their numbers had given great discontent to the English people : “ Moreover, a great number “ of artificers, and other strangers, not born under “ the king's obeisance, do daily resort to London, “ and to other cities, boroughs, and towns, and “ much more than they were wont to do, in times “ past, and inhabit, by themselves, in this realm, “ with their wives, children, and household ; and “ will not take upon them any laborious occupa- “ tion, as going to plough, and cart, and other like “ business, but use the making of cloth, and other “ handicrafts, and easy occupations ; and bring

* By Dr Smith's *Essay on the Wealth of Nations*.

† 1. Richard III. ch. 6, 8, 9, 11, 12, 13.

‡ 1. Richard III. ch. 9. But, Henry VII. *upon the supplication of the Italian merchants*, repealed the greater part of this law, which imposed restraints on *aliens*; yet, retained the forfeitures incurred, in the true spirit of his avaricious government.

“from the parts beyond the sea, great substance of
 “wares, and merchandizes, to fairs, and markets,
 “and other places, at their pleasure, to the impo-
 “verishment of the king’s subjects ; and will only
 “take into their service, people born, in their own
 “countries ; whereby the king’s subjects, for lack
 “of occupation, fall into idleness and vicious living,
 “to the great perturbation of the realm.”—All this
 was directed, otherwise, by Henry VII, though prob-
 ably without much success, “upon the petition
 “made of the Commons of England.” This
 sketch furnishes a very curious state of the com-
 mercial matters of England, during those times,
 before the spirit of industry, and commerce, had
 yet energized the spirited natives, who were then
 more addicted to warlike affairs. In the present
 times, it is, perhaps, the wisest policy, *neither to
 encourage foreigners to come, nor to drive them
 away.*

When manufacturers have been thoroughly set-
 tled, nothing more is wanting, to promote the
 wealth, and populousness of a country, from their
 labour, than the protection of their property, and
 freedom, by the impartial administration of jus-
 tice ; while their frauds are repressed, and their
 combinations prevented, by doing equal right to
 every order, in the state.

The policy of Henry VII. has been praised, by
 historians, fully equal to its worth. Anderson re-
 lates, * that this prince, “finding the woollen ma-

* Chron. Acc. of Com. v. i. p. 306.

"nufactories declining, drew over some of the best
"Netherland clothmakers, as Edward III. had
"done, 150 years before." This is probably said,
without authority ; since the law of the preceding
reign, concurring with the temper of the times, did
not permit the easy execution of so unpopular a
measure. Henry VII., like his two immediate
predecessors, turned the attention of the Parlia-
ment to agriculture, and manufacture, to commerce,
and navigation ; because he found the current of
the national spirit already running toward all these
salutary objects ; hence, says Lord Bacon, * it was
no hard matter to dispose, and affect, the Parlia-
ment, in this business. And, the legislature enacted
a variety of laws ; which that illustrious historian
explains, with his usual perspicuity ; † all tending,
says he, in their wise policy, *towards the population,*
apparently, and the military forces of the realm,
certainly.

That monarch's measures, for breaking the op-
pressive power of the nobles ; for facilitating the
alienation of lands ; *for keeping within reasonable*
bounds the bye-laws of corporations ; and, above all,
for suppressing the numerous bodies of men, who
were then retained in the service of the great ; all
those measures deserve the highest commendation ;
because they were attended, with effects, as lasting,
as they were efficacious.

It may be, however, doubted, whether his pid-

* History of Henry VII.

† History in Kennet; v. i. p. 504—7.

dling husbandry of petty farms, which has been ostentatiously praised, by Doctor Price, can produce a sufficiency of food, for a manufacturing country, or even prevent the too frequent returns of famine. Agriculture must be practised, as a trade, before it can supply superabundance. Certain it is, * that, till the reign of Henry VIII., we had in England no carrots, turnips, cabbages, nor salads ; and few of the fruits, which, at present, ornament our gardens, and exhilarate our tables.

The spirit of improvement, however, which had taken deep root, before the accession of Henry VIII, continued to send forth vigorous shoots, during his violent reign. This we might infer from the frequent proclamations, against the practice of enclosing, which was said to create *a decay of husbandry*. On the other hand, a statute was enacted, to enforce the sowing of flax-seed, and hemp. The nation is represented *to have been overrun, by foreign manufacturers*, whose superior diligence, and economy, occasioned popular tumults. While the kingdom was gradually filling with people, it was the yearly practice to grant money to repair towns, which were supposed to be falling into ruins. Yet, the numerous laws, that were enacted, by the Parliaments of Henry VIII, for the paving of streets, in various cities, and villages, prove, how much industry had gained ground of idleness ; how much opulence began to prevail over penury ; and how far a desire of comfort had succeeded to the lan-

* And. Chron. Com. v. i. p. 338.

guors of sloth. Thus much might, indeed, be discovered, from the numerous laws, which were, during this period, passed, for giving a monopoly of manufacture to different towns ; and which prove, that a great activity prevailed, by the frequent desire of selfish enjoyment, contrary to the real interest of the tradesmen themselves.

The statute, however, which limited the interest of money to 10 per cent. demonstrates, that much *ready money* had not yet been brought into the coffers of lenders ; while a great number of borrowers desired to augment their wealth, by employing the money of others, in the operations of trade. The kings of England, both before, and after this epoch, borrowed large sums, in Genoa, and the Netherlands. A parliamentary debate, of the year 1523, exhibits a lively picture of the opinions, that were, at this time, entertained, as to *circulation*, which, in modern times, has so great an effect on the strength of nations. A supply of eight hundred thousand pounds being asked by Cardinal Wolsey, for the French war, Sir Thomas More, the speaker of the Commons, endeavoured to convince *the House*, *That it was not much, on this occasion, to pay four shillings in the pound*. But, to this the Commons objected, *That, though true it was, some persons were well monied, yet, in general, the fifth part of mens' goods was not in plate, or money, but in stock, or cattle; and that to pay away all their coin would alter the whole intercourse of things, and there would be a*

stop, in all traffic ; and, consequently, the shipping of the kingdom would decay. To this grave objection, it was, however, gravely answered, That the money ought not to be accounted as lost, or taken away, but only as transferred into other hands of their kindred or nation ; so that no more was about to be done, than we see ordinarily in markets, where, though the money change masters, yet every one is accommodated. Nor, need you fear this scarceness of money ; the intercourse of things being so established, throughout the world, *that there is a perpetual circulation of all that can be necessary to mankind.* Thus your commodities will ever find out money ; while our own merchants will be as glad of your corn, and cattle, as you can be of any thing, they can bring you. *

Such is the argument of Sir Thomas More ; who has thus left a proof to posterity, of how much he knew, with regard to modern economy, without the aid of modern experience. No one, at present, can more clearly explain the marvellous accommodation of money, when quickly passed from hand to hand, or the great facility, in raising public supplies, when every one can easily convert his property, either fixed, or moveable, into the coins, or current money, which are the commodious measure of all things. And this is *circulation*, of which we shall hear so much, in later times ; and which creates so momentous a strength,

* Lord Herbert's History of Henry VIII. in Kennet, v. ii. p. 55.

when it exists, in full vigour ; yet leaves, when it disappears, so great a debility.

But, the suppression of monasteries, and the reformation of religion, are the measures of Henry VIII.'s reign, which were attended, with consequences, the most happy, and the most lasting. Fifty thousand persons are said to have been maintained, in the convents of England, and Wales, who were thus forced into the active employments of life. And a hundred and fifty thousand persons are equally supposed to have been restrained, from marriage,* which can alone produce effective population.

While the numbers of our people were thus augmented, from various sources, Edward VI. is said to have brought over, in 1549, *many thousands* of foreign manufacturers, who greatly improved our own fabricks, of various kinds. Yet, they were not invited into a country, where the lower orders were even then very free, or very happy. The act † *for the punishment of vagabonds, and the relief of the poor*, recites, “ Forasmuch as idleness “ and vagabondrie is the mother of all thefts, and “ other mischiefs, and the multitude of people “ given thereto has been always here, within this “ kingdom, very great, and more in number than, “ in other regions, to the great impoverishment “ of the realm : ” This law, therefore, enacted, That if any person shall bring before two justices,

* And. Chron. Com. v. i. p. 368.

† 1. Edward VI. ch. 3.

any runagate servant, or any other, which liveth idly, and loiteringly, by the space of three days, the same justices shall cause the said idle, and loitering servant, or vagabond, to be marked on the breast with the mark of V by a hot iron, and shall adjudge him to be a *slave* to the person, who brought him, and who may cause him to work, by beating, chaining, or otherwise. The unenlightened makers of this disgraceful act of legislation became soon so ashamed, as to repeal the law, which they ought to have never made. And were it not, that it shows the condition of the country, and the modes of thinking of the higher orders, in 1547, it might, without much loss, be expunged from the statute book.

But the legislators of this reign, were more happy, in some other of their laws. They restored the statute of treasons of Edward III.; they encouraged the fisheries to Iceland, to Newfoundland, and to Ireland. They inflicted penalties on the sellers of victuals, who were not content with reasonable profit, and on artificers, and labourers, conspiring the time, and manner of their work. As “*great inconveniences, not meet to be rehearsed, had followed of compelled chastity,*” all positive laws, against the marriage of priests, were repealed. Manufactures were encouraged, partly by procuring the materials, at the cheapest rate, but still more, by preventing frauds. And agriculture was promoted, by means of enclosing, which is said to have given rise to Ket’s rebellion, in 1549. This

event alone, sufficiently proves, that the people had considerably increased, but had not yet applied steadily to labour.

While the absurd practice continued, during the reign of Mary, of promoting manufactures, by monopoly, instead of competition, one law alone appears to have been attended with effects, continual, and salutary. It is the act * “for the mending of highways ;” being now, says the law, “ both very noisome, and tedious to travel in, and dangerous to passengers, and carriages.” The first effort of English legislation, on a subject so much connected, with the prosperity of every people, is the act of Edward I. for enlarging the breadth of highways, from one market town to another. This law, which was enacted in 1285, was, however, intended rather to prevent robbery, than to promote facility in travelling. The roads of particular districts were amended, by several laws of Henry VIII. But, this act of Philip and Mary is the first general law, which obliged every parish, by four days labour of its people, to repair its own roads. The reign of Charles II. merits the praise of having first established turnpikes; whereby those, who enjoy the benefits of easy conveyance, contribute the necessary expense. Yet, when Cowley retired from *the hum of men* to Chertsey, in 1665, he thence invited Sprat, to enjoy the pleasures of St Anne’s Hill, by telling him, *that he might sleep the first night, at Hampton*

* 2 & 3 Philip and Mary, ch. 8.

Town: A poet of the present day would invite his friend from London, by saying, *that he might easily step into the coach, and come down to breakfast.* Even in the subsequent age, when Sir Francis Wronghead was chosen into Parliament, we hear of much preparation, for his journey to town, and of many accidents by the way, owing to the badness of the roads: A parliament-man, at present, sends to the next stage, for post-horses, when there is a call of the House, and arrives, in Westminster, from any distance, at any hour: Or, we may say, with Dryden :

“ O wond’rous changes of a changeful scene,
“ Still varying to the last ! ”

CHAP. III.

The State of England at the Accession of Elizabeth.—Her Laws.—The Numbers of People, during her Reign.—Her Strength.—The Policy, and Power of the two subsequent Reigns.—The State of England, at the Restoration.—The Number of People, at the Revolution.—Reflections.

BEFORE the commencement of the celebrated reign of Elizabeth, a considerable change had doubtless taken place, in our policy, and in the numbers of our people; owing to the rigour and violence of her father, and grandfather. Agriculture, manufactures, fisheries, commerce, distant voyages, had all been begun, and made some progress, from the spirit, that had already been incited. Yet, so little opulence had been hitherto accumulated, by the people of England, that she was, on her accession, obliged to borrow several very small sums of money, in Flanders, which had grown rich, by its industry. From that epoch, however, England prospered greatly, during the domestic tranquillity of a steady government, through half a century, as well as afterwards, from the example of economy, and prudence, of activity, and vigour, which Elizabeth, on all occasions, set before her subjects.

The act of Elizabeth,* containing orders for

* 5. Eliz. ch. 4.

artificers, labourers, servants of husbandry, and apprentices, merits consideration ; because we may learn, from it, the domestic state of the country. *Villains*, we see, from this enumeration, had ceased, before 1562, to be objects of legislation. And we may perceive, from the recital, “ That the wages, “ and allowances, rated in former statutes, are in “ divers places too small, and *not answerable to this time*, respecting *the advancement of all things*, be-“ longing to the said servants, and labourers,”—a favourable change had taken place, in the fortunes of this numerous class. This law, as far as it requires apprenticeships, ought to be repealed ; because its tendency is to abridge the liberty of the subject, and to prevent competition among workmen.

The same observation may be applied to the act “ against the erecting of cottages.* ” If we may credit the assertion of the legislature, “ great “ multitudes of cottages, were daily more and more “ increasing, in many parts of this realm.” This statement evinces an augmentation of people : yet, the execution of such regulations, as this law contains, by no means promotes the useful race of husbandry servants.

The principle of the poor laws, which may be said to have originated, in this reign, as far as it necessarily confines the labourer to the place of his birth, is at once destructive of freedom, and of the true interests of a manufacturing community, that can alone be effectually promoted by competition ;

* 13. Eliz. ch. 7.

which hinders the rise of wages among workmen, and promotes at once the goodness, and cheapness of the manufacture.

A few salutary laws, were doubtless made, during the reign of Elizabeth. But, her legislation, with regard to political economy, will be found, not to merit much praise. Her acts, for encouraging manufactures, by monopoly ; for promoting trade, by prohibition ; and for aiding husbandry, by preventing the export of corn, sufficiently justify this remark. Her regulations, for punishing the frauds, which arise commonly in manufactures, when they are encouraged by monopoly, merit commendation.

Having thus shown the commencement of an increasing population, amidst famines, and war, and traced a considerable progress, during ages of healthfulness, and of quiet, it is now time, to ascertain the precise numbers, which probably existed, in England, towards the end of Queen Elizabeth's reign.

From the documents, which still remain in the Museum, it is certainly known, that very accurate accounts were often taken of the people, by the intelligent ministers of that great princess. Harrison, who has transmitted an elaborate description of England, gives us the result of the musters, of 1575, when the number of fighting men was found to be - - - - 1,172,674 : Adding withal, that it was believed, a full third had been omitted. Notwithstanding the greatness of this number, says Mr Hume, the same author complains much of the decay of populousness ; &

vulgar complaint, in all ages, and places.* Sir Walter Raleigh, however, asserts, that there was a general review, in 1583, of all the men in England, capable of bearing arms, who were found to amount to - - - - - 1,172,000

Here, then, are two credible evidences to an important fact; That, in 1575, or 1583, the fighting men, of England, according to enumerations, amounted to - - - - - 1,172,000

Which, if multiplied, by 4, would prove the men, women, and children to have been - - - - - 4,688,000

If by 5, would prove them to have been - - - - - 5,860,000

The average is equal to 4½, or - - 5,274,000

* Hist. vol. v. p. 481.—vi. p. 179. By endeavouring to collect every thing that could throw light on the population of Elizabeth's reign, Mr Hume has bewildered himself, and his reader. Peck has preserved a paper, which, by proving that there were musters in 1575, confirms Harrison's account. [Desid. Curiosa, v. i. p. 74.] It is a known fact, that there was an enumeration of the mariners, in 1582, which corresponds with Raleigh's account. [Campbell's Pol. Survey, v. i. p. 161.] That there were several surveys, then, is a fact incontrovertible; as appears, indeed, from the Harl. MSS. in Brit. Mus. Nos. 412 and 6,839. The Privy Council having required the bishops, in July 1563, to certify the number of *families*, in their several dioceses, were informed minutely of the particulars of each. Some of the Bishops' returns may be seen in MSS. Harl. No. 595. Brit. Mus. From the Bishops' certificates, as well as from the 3¹. Eliz. ch. 7. it appears, that the words *families*, and *households*, were then used synonymously.

Without comparing minutely the numbers, which we have already found, in 1377, with the people, who thus plainly existed, in 1577, it is apparent, that there had been a vast increase in the intermediate two hundred years. Such, then, were the numbers of the fighting men, and of the inhabitants of England, during the reign of Elizabeth : and such was the power, while her revenue was inconsiderable, wherewith that illustrious Queen defended the independence of the nation, and spread wide its renown. *

But, it is the ardour, with which a people are inspired, more than their numbers, that constitutes their real force. It was the enmity wherewith *the armada* had inspired England against Spain, which prompted the English people, rather than the

* The particular number, of the *communicants* and *recusants*, in each diocese, and parish of England, was certified to the Privy Council, by the Bishops, in 1603.—MSS. Harl. Brit. Mus. No. 280.

And the number of communicants was -	2,057,033
Of recusants - - - - -	8,465

In all - - -	2,065,498
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By the 39th Eliz. chap. 1. all persons, upwards of sixteen years of age, were required to go to church, under the penalty of twenty pounds. If the 2,065,498, contained all the persons, both male, and female, who were thus required to frequent the church, this number would correspond very well with the fighting men lately stated ; and show the people of England, and Wales, to have been between four and five millions, during Elizabeth's reign, though approaching nearer to the last number, than the first.

English court, to aid the bastard Don Antonio to conquer Portugal : and twenty thousand volunteers engaged in this romantic enterprize, under those famous leaders, Norris, and Drake.—An effort, which showed the manners of the age, more than its populousness, ended in disappointment, as might have been foreseen, if enthusiasm, and reason, were not always at variance. An alarm being given of an invasion, by the Spaniards, in 1599, the Queen equipped a fleet, and levied an army, in a fortnight, to oppose them. Nothing, we are told, gave foreigners a higher idea of the power of England, than this sudden armament. Yet, it is not too much to assert, that Lancashire alone, considering its numerous manufactories, and extensive commerce, is now able to make a more steady exertion, * amidst modern warfare, than the whole kingdom, in the time of Elizabeth.

* The traders of Liverpool alone, fitted out, at the commencement of the late war with France, between the 26th of August, 1778, and the 17th of April, 1779, a hundred and twenty privateers, armed each with ten to thirty guns, but mostly with fourteen to twenty. From an accurate list, containing the name, and appointment of each, it appears, that these privateers, measured 30,787 tons, carrying 1,986 guns, and 8,754 men. The fleet sent against the armada, in 1588, measured 31,985 tons, and was navigated by 15,272 seamen. And, from the efforts of a single town, we may infer, that the private ships of war formed a greater force, during the war of the Colonies, than the nation, with all its unanimity, and zeal, was able to equip, under the potent government of Elizabeth. There was an enumeration, in 1581, of the shipping, and sailors

The accession of James I. was an event auspicious to the prosperity, and the populousness, of Great Britain. The tranquillity of the Northern counties of England, which it had been the object of so many of Elizabeth's laws to settle, was soon restored : and the two-and-twenty years of uninterrupted peace, during his reign, must have produced the most salutary effect on the industry of the people, while the neighbouring nations were engaged in warfare ; though his peaceableness has cast an unmerited ridicule on the unenterprizing King.

The various laws, which were passed, by this monarch, for suppressing the frauds of manufactures, evince, at once, that they had increased in considerable numbers, and must have continued to increase. The acts for reformation of ale-houses, and repressing of drunkenness, as they plainly proceeded from the puritanism of the times, must have promoted sobriety of manners, and attention to business. The act, for the relief, and regulation of persons, who were infected with the plague, must have had its effect, in preventing the frequent return of this destructive evil. Domestic industry was doubtless promoted, by the act against monopolies : and foreign commerce was assuredly extended, by the law, enabling all persons to trade with Spain, Portugal, and France. But, above all, the agricultural interests of the nation, were sailors of England, which amounted to 72,450 tons, and 14,295 mariners. To this statement, Doctor Campbell adds, That the seamen of the ships, registered in the port of London, in 1732, were 21,797. [Pol. Survey, vol. i. p. 161.]

insured by the act, for confirming the possession of copyholders ; and still more, by the law, for the general quiet of the subject, against all pretence of dormant claims on the lands, which had descended from remote ancestors, to the then possessors. Of this salutary law, the principle was adopted, and its efficacy enforced, by a legislative act of the present reign.

A comparison of the laws, which were enacted by the parliaments of Elizabeth, and of James, would leave a decided preference, to the parliamentary leaders of the last period, both in wisdom, and in patriotism. The private acts of parliament, in Elizabeth's time, were made chiefly to *restore the blood* of those, who had been attainted by her predecessors : the private acts of James, were almost all made for *naturalizing foreigners*. One of the last parliamentary grants of this reign, was 18,000l. for the reparation of decaying cities, and towns, though it is not now easy to tell, how the money was actually applied.

Elizabeth had begun the practice of giving bounties to the builders of such ships as carried *one hundred* tons. James I. merits the praise of giving large sums, for the encouragement of this most important manufacture. And while Charles I. patronized every ornamental art, he gave, from a very scanty revenue, a bounty of five shillings the ton, for every vessel, of the burthen of *two hundred* tons. These notices enable us to trace the size of our merchant ships, through a very active

century of years. The ministers of Elizabeth, had considered a vessel of one hundred tons, as sufficient, for the purposes of an inconsiderable commerce: the advisers of Charles I. were not satisfied with so small a size. It was to this wise policy, that the trading ships, of England, were employed, ere long, in protecting her rights, and even in extending her glory.

The act which, in 1623, reduced the interest of money to eight *per cent.* from ten, shows sufficiently, even against the preamble of it, that complains of decline, how much the nation had prospered, and then continued to advance, from an inferior to a higher state of improvement. Such laws can never be safely enacted, till all parties, the lenders as well as the borrowers, are properly prepared to receive them. The cheerfulness of honest Stowe, led him to see, and to represent, the state of England, during the reign of James, as it really was. He says, as Camden had said before him, in 1580, that it would, in time, be incredible, were there not due mention made of it, what great increase there is, within these few years, of commerce, and wealth, throughout the kingdom; of the great building of royal, and mercantile ships; of the repeopling of cities, towns, and villages; beside the sudden augmentation of fair, and costly buildings. The great measure of the reign of King James, which was productive of effects, lasting, and unhappy, was the settlement of colonies, beyond the Atlantic.

Lord Clarendon exhibits a picture, equally flattering, of the condition of England, during the peaceful years of Charles I. And the representation of this great historian, is altogether consistent with probability, and experience. The vigorous spirit, which Elizabeth had bequeathed to her people, continued to operate, long after she had ceased to delight them, by her presence, or to protect them, by her wisdom. The laws of former legislators produced successively their tardy effects. And it ought to be remembered that, neither disputes among the great, parliamentary altercations, nor even civil contests, till they proceed the length of tumult, and bloodshed, ever produce any bad consequences to the industry, or comfort, of the governed.

The civil wars, which began in 1640, unhappy as they were, while they continued, both to king and people, produced, in the end, the most salutary influences, by bringing the higher, and lower ranks closer together, and by continuing, in all, a vigour of design, and activity of practice, that, in prior ages, had no example.

One of the first consequences of real hostilities, was the establishment of taxes, to which the people had seldom contributed, and which produced, before the conclusion of a tedious and wretched warfare, the enormous sum of 95,512,095l. * The

* Stevens's Hist. of Taxes, p. 296. But, Stevens includes the sales of confiscated lands, compositions for estates, and such other more oppressive modes of raising money.

gallant supporters of Charles I. gave the sovereign, whom they loved, amidst his distresses, large sums of money, while confiscations left them any thing to give. Here, then, were the mines of Potosi opened in England. The opulence, which industry had been collecting for ages, was now brought into action, by the arts of the tax-gatherer : and the country-gentlemen, who had long complained of a scarcity of money, contributed greatly, by unlocking their coffers, to remove the evil, that they had themselves created, by hoarding.

One of the first effects of civil commotion was the placing of private money, in the shops of goldsmiths, for its better security, and for the advantage of the interest, which, at the commencement of banking, was allowed to the proprietors. By facilitating the ready transfer of property, and the easy payment of private debts, as well as public imposts, banking may be regarded, as the fruitful mother of circulation. The collecting of taxes, and the frequent expenditure, raised, ere long, the price of all things. Owing to those causes, chiefly, the legal interest of money was reduced, in 1651, to six per cent. And the reduction of interest is, at once, a proof of previous acquisition, and a means of future prosperity.

The Restoration of Charles II. induced the people to transfer the energy, which they had exerted, money. There were collected, by excises only, 10,200,000l.; and by tonnage, and poundage, 5,700,000l.

during twenty years hostilities, to the various operations of peace. The several manufactories, and new productions of husbandry, that were introduced, from foreign countries, before the *Revolution*, not only formed a new epoch, but evince a vigorous application to the useful arts, in the intermediate period. The common highways were enlarged, and repaired, while turnpikes were placed on the great Northern road, in the counties of Hertford, Huntingdon, and Cambridge. Rivers were deepened, for the purposes of internal conveyance by water. The acts of navigation created ship-carpenters, and sailors, though these salutary laws were long complained of, as destructive to commerce. Foreign trade was increased, by opening new markets, and by withdrawing the alien duties, which had always obstructed the vent of native manufactures. Those measures alone, that made internal communications at once easy, and safe, would have promoted the prosperity, and the population of a country, which was less blessed with such a constitution.

But, about all, the change of manners, and the intermixture of the higher, and middle ranks, by marriages, induced the gentry, and even the younger branches of the nobility, to bind their sons apprentices to merchants, and thereby to ennoble a profession, that was before only gainful ; to invigorate traffic, by their greater capitals, and to extend its operations, by their superior knowledge. Hence, Child, Petty, and Davenant, agreed in

asserting, in opposition to the party writers of the times, that, the commerce, and riches of England, did never, in any former age, increase so fast, as in the busy period, from the Restoration to the Revolution. *

Yet, in 1680, was published *Britannia Langens*; in order to prove, that, in the same period, *a kind of common consumption hath crowded upon us.*

The truth of that representation of this Board of Trade is, however, proved more satisfactorily, by the following detail, than by any document, which has been yet submitted to the public. It is an authentic account of the *Customs*, which were collected in England, and which, as they more than doubled, in the period from the Restoration to the Revolution, show clearly, that the trade of England prospered, in the mean time, nearly in the same proportion. There was an additional duty on wines, imposed in 1672, and

* The Board of Trade represented, in December, 1697 :
“ We have made inquiry into the state of trade, in general,
“ from the year 1670 to the present time: and from the
“ best calculations we can make, by the duties paid at the
“ Customhouse, we are of opinion, that trade in general
“ did considerably increase, from the end of the Dutch
“ war, in 1675, to 1689, when the late war began.”
Yet, the Board seem not to have attended to the 25 Cha.
II. ch. 6; which wisely enacted, That *Denizens*, and *A-licens*, should pay no more taxes for the *native commodities* of this kingdom, or for *fish caught*, in *English ships*, when *exported*, than subjects.

48 AN ESTIMATE OF THE STRENGTH [Ch. 3. from 1558

an impost on wine, tobacco, and linen, in 1685: But, as these duties were kept separate, they appear neither to have swelled, nor diminished, the usual receipt of the Customhouse duties, in any of the years, either of peace, or of war.

An

An Account of the Customs, which were received,
in the following Years of Peace, and of War:

<i>Years.</i>	<i>Duty of Customs.</i>	<i>New additional Duty on Wines.</i>
	<i>L. s. d.</i>	<i>L. s. d.</i>
From 24th July 1660, to 29th September 1661	421,582 7 11	
The year ended 29th September - - 1662	414,946 15 10 $\frac{1}{4}$	
Ditto, - - 1663	525,415 14 4	
Ditto, - - 1664	579,662 11 0 $\frac{1}{2}$	
Ditto, - - 1665	519,072 4 2	
Ditto, - - 1666	303,766 10 1 $\frac{1}{2}$	
Ditto, - - 1667	408,324 0 2 $\frac{1}{4}$	
The year ended Michaelmas - - 1668	626,998 5 4 $\frac{1}{2}$	
Ditto, - - 1669	519,773 19 2 $\frac{1}{4}$	
Ditto, - - 1670	516,229 19 7 $\frac{1}{4}$	
Ditto, - - 1671	525,736 15 4 $\frac{1}{2}$	
Ditto, - - 1672	563,383 1 6 $\frac{1}{2}$	148,959 2 5 $\frac{1}{2}$
Ditto, - - 1673	507,769 6 6	165,622 10 6 $\frac{1}{2}$
Ditto, - - 1674	636,132 10 5 $\frac{1}{2}$	127,443 16 5 $\frac{1}{2}$
Ditto, - - 1675	674,133 16 0 $\frac{1}{4}$	122,001 16 4 $\frac{1}{4}$
Ditto, - - 1676	650,878 7 1	150,692 1 5 $\frac{1}{2}$
Ditto, - - 1677	677,626 15 2 $\frac{1}{4}$	149,770 19 6 $\frac{1}{2}$
Ditto, - - 1678	646,325 12 6 $\frac{1}{2}$	126,126 16 2 $\frac{1}{2}$
Ditto, - - 1679	592,762 11 7 $\frac{1}{4}$	96,639 1 0 $\frac{1}{4}$
Ditto, - - 1680	633,562 8 4 $\frac{1}{2}$	156,132 11 10 $\frac{1}{2}$
Ditto, - - 1681	621,615 12 0	90,222 7 3 $\frac{1}{2}$
Ditto, - - 1682	742,721 2 0 $\frac{1}{2}$	221 9 7 $\frac{1}{4}$
Ditto, - - 1683	768,166 9 2 $\frac{1}{4}$	
Ditto, - - 1684	780,660 19 3 $\frac{1}{4}$	1 14 4
Ditto, - - 1685	701,504 3 4	
Ditto, - - 1686	781,679 14 8 $\frac{1}{4}$	
Ditto, - - 1687	884,955 0 3 $\frac{1}{4}$	
Ditto, - . * 1688	781,987 2 9 $\frac{1}{2}$	

* The whole shipping, which were employed outwards, at the Restoration, was about 142,900 tons; at the Revolution, the outward voyages were 285,800 tons: At the first epoch, the whole cargo exported amounted to about 2,043,043l. Sterling; at the second, to about 4,086,087l. The net customs, which were paid into the Exchequer, at the first epoch was 390,000l.; at the second, 551,141l.: And the whole coinage, in the period, from the Restoration, to the Revolution, amounted, in value, to 10,261,742l.

From the before-mentioned circumstances, and facts, which prove, that there had been many additional employments, we may reasonably infer, that there had also been a considerable augmentation of inhabitants, who were the more important to the state; because they were the most industrious. But, many emigrated, it has been said, to the colonies, and many perished by pestilence. Yet, the Lord Chief Justice Hale insists, “That mankind hath still increased, even to manifest sense, and experience :” and because, says he, this is an assertion of fact, it is impossible to be made out, but by instances of fact. If, however, he adds, we should institute a comparison, between the present time (1670), and the beginning of Queen Elizabeth’s reign (1558), and compare the number of trained soldiers then, and now, the number of subsidy men then, and now, they will easily give an account of a very great increase of people, within this kingdom, even to admiration. *

* See Lord Hale’s convincing argument, in *The Origination of Mankind considered*, ch. 10. Sir John Dalrymple found, in King William’s cabinet, a minute account of the number of *freeholders*, in England, which was taken, by order of that monarch, in order to find out the proportion, between churchmen, dissenters, and papists; and which, Sir John has published, in the Appendix to his Memoirs :

	Conformists.	Non Con.	Papists.
In Canterbury, and York	- 2,477,254	108,676	13,856
Contrast with these the before-mentioned communicants, and recusants, in			
1603 - - - - -	<u>2,057,033</u>	- - - - -	<u>8,465</u>
			This

A mere question of fact, with regard to the number of births, at any two distant periods, may doubtless be either confirmed, or disproved, by an appeal to the parish registers ; which, containing a collection of facts, may be regarded as one of the best proofs, that the nature of the inquiry admits. And the Lord Chief Justice Hale remarked of them, because he was struck with the force of their evidence, *That they gave a greater demonstration of the gradual increase of mankind, than a hundred notional arguments, can either evince or confute.* For, a greater number of births, in any one period, more than at any prior epoch, must proceed from a greater number of breeders ; which denotes, a more numerous population. And, from an attentive examination of such proofs, Graunt proceeded, * in 1662, to show, with great ability, the progressive increase of the people, and to prove, how easily the country could supply the capital

This comparison, after allowing for the original inaccuracies of both accounts, shows a great change in the numbers, in the opinions, and practice of the people, from 1603, to 1689.

* See The Observations on the Bills of Mortality. Doctor Price quoted Tindal for the fact, That there appeared, by the hearth-books of 1665, in England and Wales, 1,230,000 houses.

The acknowledged number, in 1690	1,300,000
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This, if we may credit Tindal, is sufficient evidence of a rapid increase, in five-and-twenty years ; Graunt calculated the people of England, and Wales, in 1662, at 6,440,000 persons.

with numerous recruits, without any sensible diminution.

Having thus traced a gradual progress, in population, as well as in industry, it is now time to ascertain the precise numbers, at the Revolution. And Gregory King, who has been praised by Davenant, for his research, and his skilfulness, has left us documents, from which we may form an estimate, sufficiently accurate, for the uses of history, or for the purposes of legislation. From an inspection of the hearth-books, and the assessments on marriages, births, and burials, King formed calculations, of the numbers of families, houses, and people; which, according to Davenant, “were, “perhaps, more to be relied upon, than any thing, “that had been ever done, of the like kind.”

It had been the fashion, of the preceding age, to state the numbers of mankind, in every country, too high: from this period, ingenious men were carried away, by a reprehensible self-sufficiency, to calculate them too low. Of the statements of King, it was remarked, by Mr Robert Harley, * in 1697, “These assessments are no good foundation; heads at a medium, being (according to the computation) per house, in London, only five: “omissions, in the country, are probably greater “than in London, because, numbering the people “is there more terrible. The polls are instances: “families of seven, or eight persons, being not

* Harl. MSS. in the Museum, Nos. 6,837—7,021.

" numbered at above three, or four persons, in some remote counties." Yet, by thus calculating $4\frac{1}{2}$, instead of 5, in every *family*, which was still considered as synonymous with *household*, this would demonstrate an increase of a million, during the foregoing century. So our poets used the word *household*, to signify *a family living together*: Thus, SHAKSPEARE:—

" Two *households*, both alike in dignity,
In fair Verona, where we lay our scene,
From ancient grudge break to new mutiny."

Thus MILTON:—

Of God observ'd
The one just man alive, by his command,
Should build a wondrous ark, as thou beheld'st,
To save himself and *household* from amidst
A world devote to universal wreck.

Thus, the more flippant SWIFT:—

In his own church he keeps a seat,
Says grace before and after meat,
And calls, without affecting airs,
His *household* twice a-day to prayers.

Davenant, by publishing only extracts, from King's observations, and by speaking confusedly of *families*, and *houses*, has done an injury to King, and to truth. All will appear consistent, and clear, when this ingenious calculator is allowed to speak for himself.

The number of *houses* in the kingdom, as charged, says he, in the books of the Hearth-Office at Lady Day, 1690, were, - 1,319,215 : But, whereas the chimney money being charged on the tenant, or inhabitant, the divided houses stand as so many distinct dwellings, in the accounts of the said Hearth-Office : And, whereas the empty houses, smiths' shops, &c. are included in the said account, all which may very well amount to 1 in 36, or 37, (or near 3 *per cent.*) which, in the whole, may be about 36,000 houses ; it follows, that the true number, of *inhabited houses*, is not above - - - - - 1,290,000 ; which, however, we shall call, in round numbers, - - - - - 1,300,000.

Having thus adjusted the number of houses, we come now, continues he, to apportion the number of souls, to each, according to what we have observed, from the said assessments on marriages, births, and burials.

London, within the walls, produced		
almost	- - - - -	$5\frac{1}{2}$ <i>per house.</i>
Sixteen parishes without, full	-	$4\frac{1}{2}$
The rest of the bills of mortality,		
almost	- - - - -	$4\frac{1}{2}$
The other cities, and market towns		$4\frac{1}{2}$
The villages, and hamlets	-	4

So, London, and

the bills of
mortality con-

tained - -

Inhabited houses	per house.	Souls.
105,000 at 4,57		479,600

The cities, and

market towns

195,000	4,3	838,500
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The villages, and

hamlets - -

1,000,000	4	4,000,000
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In all -	<u>1,300,000</u>	<u>4,9</u>	<u>5,318,100</u>
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But, considering, that the omissions in the said assessments may well be,

In London, and the

bills of morta-

lity - - - 10 per cent. or 47,960 souls

In the cities, and

market towns - 2 per cent. or 16,500

In the villages, and

hamlets - - 1 per cent. or 40,000

In all - - - - -	104,460 souls:
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It follows, that the true number of people, dwelling in the 1,300,000 *inhabited houses*, should be - - - - - - - - - - 5,422,560.

Lastly; whereas the number of transitory people, as seamen, and soldiers, may be accounted 140,000; whereof, nearly one half, or 60,000, have no place in the said assessments: and that the number of vagrants, as hawkers, pedlars, &c.

carriers, gipsies, thieves, and beggars, may be reckoned 30,000; whereof above one half, or 20,000, may not be taken notice of, in the said assessments, making in all, 80,000 persons: It follows, that the whole number of people in England, and Wales, is much about 5,500,000; viz.

In London - - - - -	530,000 souls
In the other cities, and towns -	870,000
In the villages, and hamlets - -	4,100,000
In all - - - - -	5,500,000

The number of inhabited houses

being about - - - - - 1,300,000

The number of families about - 1,360,000

The people answer, at $4\frac{1}{2}$ per house, and 4 per family; yet, the enumeration of 1801 seems to show, that $4\frac{1}{2}$ persons in each house, were too few.

Thus much from Gregory King's Political Observations.* And his statements are, doubtless, very curious, and even exact, though we now know, that the number of dwellers, which he allowed to every house, and to every family, was a good deal under the truth; as Mr Robert Harley, at the time, suspected.

Subsequent inquirers have enumerated the houses, and the inhabitants of various villages, towns, and cities, instead of relying on the defective returns of

* There is, in MSS. Harl. Brit. Mus. No. 1,898, a very fair Copy of King's *Observations*, which have lately been published by the Author of this Estimate.

tax-gatherers. Dr Price became, at length, disposed to admit, from the enumerations, which he had seen, that *five* persons, and a sixth, reside in every house.* Mr Howlet, from a still greater number of enumerations, insists † for five, and two-fifths. It will, at last, be found, perhaps, ‡ that five and two-fifths are the smallest number, which, on an average of the whole kingdom, dwells in every house. It is, in fact, too small. The enumeration of 1801 at length shows, that the population of England averages 5.66, or 5 $\frac{2}{3}$ s to each house; that the population of Wales averages

* Reversionary Payments, v. ii. p. 288.

† Examination of Price, p. 145.

‡ In 1773, Dr Price insisted that there were *not quite* *five* in *every* house. [Observations on Reversionary Payments, 3d edition, p. 184.] In 1783, the Doctor seemed willing to allow, five one-sixth in every house: But he still contends, That, if you throw out of the calculation Liverpool, Manchester, Birmingham, and other populous towns, the number, in every house, ought to be less than five. [Observations on Reversionary Payments, 4th edit. v. ii. p. 288—9.] The Rev. Mr New made a very accurate enumeration, of the parish of St Philip, and St Jacob, in the city of Bristol, during the year 1781, and found 1,529 inhabited houses, and therein 9,850 souls. These numbers prove, that more than six, one third, dwell in every house. And from this enumeration we may infer, That, in the full inhabited city of Bristol, six, at least, reside in every house. If, in the spirit of Dr Price, we throw out of the calculation all populous places, and studiously collect such decaying towns as Sandwich, the proportion, to every house, would be reduced to *five*.

somewhat more than five to each house; and that the population of England, and Wales, taken together, is 5.61, or more than $5\frac{3}{5}$ ths to each house, which may be owing, however, to the change of circumstances: and those computations are exclusive of the army, and navy, which, if included, would raise the average rate of inhabitancy, in England, and Wales, to 5.91; or more than $5\frac{9}{10}$ ths persons to each house. Such, then, is the demonstration, which evinces how completely Dr Price was mistaken, throughout his whole inquiry, with regard to the national populousness: The enumeration of 1811 evinces still the fallacy of his reasoning, which was always *unscriptural*, in supposing a continual decrease of people, instead of a constant increase, and multiplication.

Little doubt can surely now remain, of there having been, in England and Wales, 1,300,000 inhabited houses at the Revolution. Were we to multiply this number by *five*, it would demonstrate a population of six millions and a half: were we to multiply by five, and two fifths, or even by five, and one fifth, this operation would carry the number up, nearly, to seven millions: and seven millions were considered, by some of the most intelligent men of that day, as the whole amount of the people, of this kingdom, at the Revolution.

But, if we take the lowest number, of six millions and a half, and compare it with five millions, the highest number, probably, in 1588, this com-

parison would evince an increase of a million and a half, in the subsequent century, and of more than four millions, from 1377. Yet, Dr Price considered the epoch of the *Reformation* (1517), as a period of greater population, than the era of the Revolution.

In giving an account of the reign of King William, Sir John Dalrymple remarks, “*That three and twenty regiments were completed, in six weeks.*” This is, doubtless, an adequate proof, of the ardour of the times; but it is a very slight evidence, of an overflowing populousness. Want of employment, often sends recruits to an army, which, in more industrious years, would languish without hope of reinforcements. We may learn, indeed, from Sir Josiah Child, That it was a question agitated, during the reign of Charles II:—“*If we have more people now, than in former ages, how came it to pass, that in the times of Henry IV. and V., and even in prior times, we could raise such great armies, and employ them in foreign wars, and yet retain a sufficient number to defend the kingdom, and to cultivate our lands at home?*” “I answer, first,” says this judicious writer, “*that bigness of armies is not a certain indication of the numerousness of a nation, but sometimes of the government, and distribution of the lands; where the prince and lords are owners of the whole territory: although the people be thin, the armies, upon occasion, may be very great, as in Fez, and Morocco.* Secondly, princes’

“ armies, in Europe, are become more proportionable to their purses, than to the numbers of their people. ”

Thus much it was thought proper to premise, with regard to the previous condition, and policy, of England, as well as its populousness, at different periods, anterior to *The Revolution*, when THIS ESTIMATE, properly, begins : In order that, as Shakespeare says ;

“ You may revolve what tales I told you,
“ Of courts, of princes, of the tricks of war. ”

CHAP. IV.

Opinions, as to the Strength of Nations.—Reflections.—The real Power of England during King William's Reign.—The State of the Nation.—The Losses of her Trade, from King William's Wars.—Her Commerce revives.—Complaints of Decline, amidst her Prosperity.—Reflections.

THEORISTS are not agreed, in respect to those circumstances, which form the strength of nations, either actual, or comparative. One considers the power of a people “to consist in their numbers and wealth.” Another insists, “that the force of every community most essentially depends on the capacity, valour, and union, of the leading characters of the state.” And a third, adopting partly the sentiments of both, contends, “that though numbers, and riches, are highly important, and the resources of war may decide a contest, where other advantages are equal; yet the resources of war, in hands, that cannot employ them, are of little avail; since manners are as essential, as either people, or wealth.”

It is not the purpose of this Estimate to amuse the fancy, with uninstructive definitions, or to bewilder the judgment, with verbal disquisitions,

which are as unmeaning as they are unprofitable. The glories of the war, of 1756, have cast a continued ridicule on the far-famed *Estimator of the manners, and principles, of those times*. Recent struggles, have thrown equal ridicule on other calculators, of an analogous spirit. And we may find reason, in the end, to conclude, that the qualities of the mind, either vigorous, or effeminate, have undergone, in this Island, no unhappy change, whatever alteration there certainly is, in the labour of the hands of our people, from the epoch of the Revolution, to the present moment.

But, from general remark, let us descend to minute investigations, with regard to the progressive numbers of the people, to the extent of their industry, and to the successive amount of their traffic, and accumulations ; because our resources arose then, as they arise now, *from the land, and labour of this Island alone*.

The insult, which was supposed to be offered, by France, to the sovereignty of England, by disputing the right of a high-minded people, to regulate their own affairs, forced King William into an eight-years war with that potent country, which he personally hated, and with which, he ardently wished to quarrel. He had, therefore, no inclination to weigh, in very scrupulous scales, the wealth of his subjects, against the greater opulence of their rivals, who were, in those days, more industrious, and were further advanced, in the practice of manufacture, and knowledge of

traffic. Yet, the desire of that warlike monarch, being seconded by the zeal of his people, whose resources were not then equal to their bravery, he was enabled to engage, in an arduous dispute, for the most honourable end. Happy ! had hostilities ended, as soon as the independence of the nation was vindicated from insult, and when the interests of the people required the cessation of warfare.

We may form a sufficient judgment of the strength of England, at that era, from the following detail.

The number of *fighting men*, according to the calculation of Gregory King, as cited, with approbation, by Davenant, was 1,308,000 ; yet the one fourth of the people formed the men fit for war, whatever may have been the real population of England, during the reign of King William.

The yearly income of the nation from its land, and labour, a- mounted, if we may credit the statement of Gregory King, to	L. 43,500,000
The yearly expense of the people, for their necessary subsistence, to	41,700,000

The yearly accumulation, of profit,	L. 1,800,000
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The value of the whole kingdom, according to Gregory King, 650,000,000l. ; * which, forming

* See Gregory King's Polit. Observations.

the capital, whence income arose, was then deemed no proper fund, for taxation.

Davenant states, from various *conjectures*, and *calculations*, the circulating money, at 18,500,000l; † while there yet existed, in the nation, no paper-money, and little circulation; which, by facilitating the easy transfer of property, is so favourable to the levying of taxes.

King James's annual income, amounted only to 2,061,856l. 7s. 9d.; ‡ which formed a greater revenue, than any of his predecessors had ever enjoyed.

Of this, there remained, in the Exchequer, on the 5th of November, 1688, 80,138l.; § which little enabled King William, either to defray the expenses of the Revolution, or to prepare for a war with France.

The nett income, paid into the Exchequer, in

† Gregory King, having stated the silver coin at eight millions and a half, in 1688; and the gold coin at three millions, Mr Robert Harley thereupon, remarked, "That the mint accounts would make us believe there is more gold coin, than three millions; but both accounts, together, would make a good estimate."—MSS. Harl. Brit. Mus. 1,898. The circulating coin may, therefore, be taken at eleven millions and a half, during King William's reign.

‡ Hist. of Debts, p. 6—7.

§ For the accurate informations, which these sheets convey, from a transcript of the Exchequer-books, in King William, and Queen Anne's reigns, the public owe an additional obligation, and the compiler a kindness, to the liberal communication of the late Mr Astle.

1691, from the customs, and excise, from the land, and from polls, amounted only to 4,249,757l. ; of which there were applied, towards carrying on the war, 3,393,634l., and to the support of the civil establishment, 856,123l. *

The average of the annual supplies, during the war, which were raised, with difficulty, from a dissatisfied people, amounted only to 5,105,505l. ; † whence we may form an opinion of the force, which could then be exerted, though it must be admitted, that the same nominal sum had, in those days, a greater power, than it has had, in after times.

There were borrowed, by the government, at an interest of seven, and eight per cent., while the legal interest of money was only six, from the 5th of November, 1688, to Lady-day, 1702, L. 44,100,795 ;

Of which there were meanwhile repaid, 34,034,018 ;
Of this debt there remained due, _____
at Lady-day, 1702, ‡ . . . L. 10,066,777.

So unproductive had each branch of taxes proved, during every year of the war, that the revenue, which had existed before it began, fell above one-half, in five years ; § and the deficiencies appeared

* Mr Astle's Transcript. † Id. ‡ Id.

§ Davenant's Essay on Ways and Means.

to have swelled; before the session of 1696, to what was then deemed the enormous sum of 6,000,460l. ; which greatly enfeebled every exertion of the government, by the advance, in the price of all things. The annual collection of taxes, to the amount of two millions and a half, more than had been levied on the country, in preceding times, while their foreign trade was cut off, was alone sufficient to embarrass a people, who possessed greater powers of industry, and circulation. It is an instructive fact, which is transmitted by Davenant, that imposts did not then enhance the price of the commodity to the consumer, when in its highest state of improvement, but fell on the grower, who sold the article, in its rudest condition : the excise did not raise the price of malt, but lowered the price of barley : And this fact evinces, how much consumption was embarrassed, and circulation obstructed, during the distresses of the Revolution-war.

The annual value of the surplus produce of the land, and labour of England, which was then exported to foreign countries, amounted only to 4,086,087l. Had the coins of England been as numerous, as Davenant supposed them, they could not long have carried on a war, beyond the limits of the empire. And the cargoes, which were thus sent abroad, could not, from their inconsiderableness, have filled a mighty void, for any length of years.

The tonnage of English shipping, that were annually employed, for the exportation of the before-mentioned cargoes, amounted only to 190,533 tons English ; which, if we allow them to have been navigated, at the rate of twelve mariners to every two hundred tons, required only 11,432 sailors ; yet, this was the principal nursery, whence the navy of England could then be manned, during the wars of King William.

The following statement will give us ideas, sufficiently accurate, of the progressive force of the royal fleet :

	Tons.	Sailors.
Which, in 1660 carried	62,594	- - —
in 1675	69,681	30,951
in 1688	101,032	- - —
in 1695	112,400	45,000
	—————	—————

Such, then, was the naval force that, during the hostilities of William, could be sent into the line against the potent navy of France, which, in one busy reign, had been created, and raised to greatness. It was found almost impossible to man the fleet, though the admiralty were empowered by Parliament, to lay strict embargoes on the merchants' ships. * And this alone, ought to give us

* Sir J. Dalrymple, has published a paper [Appendix, p. 242.] in order to justify King William, from the charge—" of not exerting the natural strength of England, in a sea-war against France, after the battle of La Hogue ; " which

a lesson, of what importance it is to the state, to augment the native race of carpenters, and sailors, by every possible means.

The great debility of England, during the war of the Revolution, arose from the practice of hoarding, in times of distrust, which prevented circulation ; from the disorders of the coin, that greatly augmented the former evil, while the government issued tallies of wood, for the supplying of specie ; from the inability of the people to pay taxes, while they could find no circulating value, either

proves, that his ministers thought it impossible to increase the fleet ;—“ as not having ships enough, nor men, unless we stop even the craft-trade.” There are a variety of documents, in the Plantation-office, which demonstrate the same position. And see the subjoined comparative view of the fleets of France, and of England, in 1693.

The following "Comparison of the French, and English fleets, in 1693, formed from lists brought into the House of Commons, by Secretary Trenchard," will show, how nearly equal they were in force, even subsequent to the victory of La Hogue, in the preceding year. [Bibl Harley, Brit. Museum, No. 1,898.

for their labour, or property : add to these, the turbulence of the lower orders, and the treachery of the great. And, above all, if we may believe the ministers of King William, * *Nobody knew one day what a House of Commons would do the next.*

From this review of the debility of England, we may, with the more propriety, inquire into the losses of our trade, during that distressful war. A more confirmed commerce could not have stood so rude a shock as our manufactures and commerce received, from the imbecility of friends, no less than from the vigour of foes, amidst a disastrous course of hostilities, of eight years continuance. And the clamours, which were, in the end, justly raised against the managers of the marine, were assuredly founded in prodigious losses. An examination of the following proofs, will evince this melancholy truth :

Year.	Ships cleared outwards.			Value of their Cargoes.	
	Tons Eng.	Do. foreign.	Total.	L.	
1688 -	190,533	- 95,267	- 285,800	- 4,086,087	
1696 -	91,767	- 83,024	- 174,791	- 2,729,520	
Annual loss	<u>98,766</u>	<u>- 12,243</u>	<u>- 111,009</u>	<u>- 1,356,567</u>	
The nett revenue of the posts, in			- 1688	L,76,318	
Ditto	- - - - -	- - - - -	- 1697	- 58,672†	

Dr Davenant took a different way to the same point, because he had not access to a better. Hay,

* Dal. Mem. Appendix, p. 240.

† Mr Astle's Transcript.

ing stated the yearly amount of the customs, from 1688 to 1695, inclusive, he inferred from the annual defalcations : “ So, that it appears sufficiently, that in general, since this war, our trade is very much diminished, as, by a medium of seven years, the customs are lessened about 138,707l. 7s. a year.” Dr Davenant justly complained of the breaches of the Act of Navigation, “ during the slack administration of this war;” so, that strangers seem to have beaten us out of our own ports. For, it was observed, that there were, in the Port of London,

	Tons	Do.	
	English	foreign.	Total
During the year 1695 *	65,788	83,238	149,026

It would be injurious to conceal, that the same able author, who seems, however, to have some

* If, with the year mentioned, by Davenant, we contrast the following years, we shall see an astonishing increase of the navigation, and commerce of London. Thus, there were entered, in this great Port,

	Tons English.	Do. foreign.	Total.
In 1710 - -	70,915 - -	40,280 - -	111,195
19 - -	187,122 - -	11,468 - -	198,590
58 - -	125,086 - -	69,050 - -	194,136
82 - -	210,656 - -	125,248 - -	335,904
89 - -	277,797 - -	169,170 - -	446,967
84 - -	372,775 - -	92,043 - -	464,818

The number of ships, which were registered, in the port of London, in the year ending the 30th Sept. 1793, was 1,886, carrying 378,787 tons.

times complained, without a cause, acknowledged,
 " That perhaps no care, nor wisdom in the world,
 " could have fully protected our trade, during this
 " last war with France. "

An attentive examination of the numbers of our ships cleared outwards, and of the cargoes exported in them, will convince every candid mind, that in every war, there is a point of depression, in trade, as there is in all things, beyond which, it does not decline; and from which, it gradually rises beyond the extent of its former greatness, unless it meet with additional checks. And the year 1694 *

* The following detail, from the Plantation-office, will give the reader a still clearer view of the navigation of England, during the embarrassments of the Revolution war.

Ships cleared Outwards.				Ships entered Inwards.			
Tons.	Do.	Tons.	Do.				
English.	Foreign.	English.	Foreign.				
1693 { London, 44,912 - 59,750 - 104,662		36,512 -	80,875 - 117,387				
Outports, 73,176 - 28,752 - 101,928		32,616 -	27,876 - 60,492				
<hr/>	<hr/>	<hr/>	<hr/>				
Total, 118,088 - 88,502 - 206,590		69,128 - 108,751 - 177,879					
<hr/>	<hr/>	<hr/>	<hr/>				
		Balance of trade, 28,711					
		<hr/>	<hr/>				
		206,590					
<hr/>	<hr/>	<hr/>	<hr/>				
1694 { London, 39,648 - 41,500 - 81,148		59,472 -	76,500 - 135,972				
Outports, 33,408 - 28,224 -		61,632 - 35,158 -	28,910 - 64,068				
<hr/>	<hr/>	<hr/>	<hr/>				
Total, 73,056 - 69,724 - 142,780		94,630 - 105,410 - 200,040					
<hr/>	<hr/>	<hr/>	<hr/>				
Balance of Trade, 57,260		<hr/>	<hr/>				
<hr/>	<hr/>	<hr/>	<hr/>				
		200,040					
		<hr/>	<hr/>				

Of the foregoing detail, it ought to be observed, that it does

marked, probably, the lowest state, to which the eight years hostilities, of that disastrous period, bore down the national traffic. But, the commerce of England, which is sustained, by immense capitals, and inspired by a happy skill, and diligence, may be aptly compared to a spring of mighty powers, that always exerts its force, in proportion to the weight of its compression ; and that never fails to rebound, with augmented energy, when the pressure is removed, by the return of peace. It is, nevertheless, a fact, equally true, that however the cessation of war may give fresh ardour to our industrious classes at home, and enable our merchants, to export cargoes of unexampled extent ; yet, there are never wanting writers, who, during this prosperous moment, complain of the decline of our manufactories, and the ruin of our trade. It is proposed, to illustrate both those facts, in the following sheets ; because, from the illustration, we may derive both intelligence, and amusement.

does not appear in the Plantation-office altogether in this form ; the number of ships, English, and foreign, entered either in London, and the outports, is only specified, and the average tonnage of each, thus particularly given : The English ships, in the port of London, were estimated at 112 tons each ; the foreign, at 125 tons each : the English ships, at the outports, at 72 each ; the foreign, at 78 tons each : Whence, the editor was enabled, by an easy calculation, to lay before the public, a more precise account of the commerce of England, during the war of the Revolution, than has yet been done.

Let us, then, attend to the following proofs :

	Ships cleared outwards.		Value of cargoes exported.	
	Tons Eng.	Do. foreign.	Total.	£.
Peace of Rys- wick, 1697	144,264	- 100,524	- 244,788	- 3,525,907
1699				
1700	293,703	- 43,625	- 337,328	- 6,709,881
1701	—	—	—	—

In addition to this satisfactory detail, let us consider the revenue of the post-office, which, showing the extent of correspondence, at different periods, furnishes no bad proof of the progress of commerce. The nett income of the posts, according to an average of the eight years of King William's wars, was - - - - L. 67,222 Do. of the four years of subsequent peace - - - - - 82,319*

Yet, amidst all this prosperity, Polexfen, one of the Board of Trade, published *a discourse*, † in 1697, in order to show, "That, so great had been the losses of a seven years' war, if a great stock be absolutely necessary to carry on a great trade, we may reasonable conclude, the stock of this nation is so diminished, it will fall short ; and that, without prudence, and industry, we shall rather consume what is left, than recover what we have lost." Davenant, the antagonist of Polexfen, stunned

* Mr Astle's Transcript.

† Discourse on *Trade, Coin, and Paper Credit*.

every coffee-house at the same time, with his declamations, on the decay of commerce. “ It will be a great matter, for the present,” says he,* “ if we can recover the ground our trade has lost during the last war.” But, we have seen, that we had already gained *superior ground*, at the precise moment, wherein he, thus, lamented our recent losses, both of shipping and trade. So different are the deductions of theory, from the informations of experience, that temporary interruptions are constantly mistaken, for sure symptoms of habitual decline. And our commercial writers, owing to this cause, are full of well-meaning falsehood, while they, sometimes, propagate purposed deception :

————— Physic is their bane :
The learned Leeches in despair depart,
And shake their heads, *desponding* of their art,

The Revolution may justly be regarded, as an event in our annals, the most memorable, and interesting ; because its effects have been the happiest, in respect to the security, the comfort, and prosperity, of the people. Yet it has, for some years, been insisted, with a plausibility, which precludes the charge of intended paradox, that every cause of depopulation—a devouring capital, the waste of wars, the drain of standing armies, emigrations to the colonies, the engrossing of farms, the en-

closing of commons, the high price of provisions, and unbounded luxury—all have concurred, since that fortunate era, to dispeople the nation ; the numbers of which, it is pretended, have decreased a million and a half, and still continue to decrease.

In opposition to such controvertists, it is not sufficient to argue, That, having traced a gradual advance in population, during six centuries of political distraction, and domestic misery, and proved an addition of more than four millions to the original stock, in 1066, notwithstanding wasteful wars, desolating famines, and habitual debility : we ought thence to infer, that the position of a *decreasing populousness*, during a period the most free, and prosperous, and happy, can alone be maintained, by the decisive proof of enumerations, or, at least, by a mode of induction, which is equal to them, in the weight of its inference. It is proposed, then, to continue a brief review of the principal occurrences, in our history, since the year 1688, that could have either carried on the former progress of our population, or have promoted a gradual decline.

The Revolution did not, indeed produce so much any alteration in the forms of the constitution, as it changed the maxims of administration ; which have, every where, so great an influence on the condition of the governed. Yet, from thence, a new era is said * to have commenced, in which the bounds

* Blackst. Com. vol. i. p. 213.

of prerogative, and liberty, have been better defined, the principles of government more thoroughly examined, and understood, and the rights of the subject more explicitly guarded by legal provisions, than in any other period of the English history. One article, alone, in the Declaration of Rights, was worth, on account of the consolation, which it administered to the lower orders, the whole expense of the ensuing war : “ That excessive bail shall not be required, or excessive fines be imposed, or cruel, and unusual punishments be inflicted.” Philosophers have justly remarked, that severity of chastisement has as natural a tendency to debase mankind, as mildness to elevate them. It was not so much from the declaration, *that the levying money, without consent of Parliament, is unlawful*, that private property was secured, as from the impartial administration of justice, which has regularly flowed from the independence of the Judges. Anderson * did not forget to give “ a brief view of the establishment of that free constitution, as it did certainly contribute, greatly, in its consequences, to the advancement of our industry, manufactures, commerce, and shipping, as well as of our riches, and people, notwithstanding several expensive, and bloody, wars.”

The hearth-money was soon after taken away ; “ being a great oppression (say the Parliament) of the poorer sort, and a badge of slavery upon the whole.” During the same session, the first bounty

* Chron. Acc. of Com. vol. ii. p. 189—95.

was given on the exportation of corn : “ How much,” says that laborious writer, “ this bounty has contributed to the improvement of husbandry, is too obvious to be disputed : ” and, accordingly, the year 1699, has been noticed, how truly need not be said, as the epoch of the last great dearth of corn, in England. A flourishing agriculture must have, necessarily, promoted populousness, in two respects ; by offering encouragement to labour ; by furnishing a supply of provisions, at once constant, and cheap, which were both extremely irregular, in former times. The act of toleration, which was, at the same time, passed, by “ giving ease to scrupulous consciences,” tended to promote our industry, and traffic ; and consequently the progress of population : for, we may learn of Sir Josiah Child, how many people had been driven out of England, from the rise of the Puritans, in the reign of Elizabeth, to the blessed era of toleration.

On the other hand, it has been already shown how much the eight-years war, which grew out of the Revolution, distressed the foreign trade of England. As King William employed, chiefly, the troops of other nations ; as the profligate, and the idle, principally recruited the army ; as humanity now softened the rigours of war ; it may be justly doubted, if we lost a greater number, by the miseries of the camp, than were acquired by the arrival of refugees, who, during that period, sought security and employment in England. And, of this opinion,

was Dr Davenant,* who was no unconcerned spectator of those eventful times. Yet, it is a known fact, that the taxes, which were successively imposed, did not produce, in proportion to their augmentations. And if we attribute this unfavourable circumstance to the inability, and pressures, of the people, more than to the novelty of contributions, to the enmity of many against the new government, and to the disorders of the coin, we ought, undoubtedly, to infer, that the imposition of additional burdens, necessarily, stopped the progress of increasing numbers. The average price of wheat, from 1692 to 1699, was nearly *eight shillings* the *bushel*, according to Fleetwood. There have been terrible years *dearths* of corn, said Swift, and every place is strewed with beggars; but *dearths* are common, in better climates, and our evils here lye much deeper.

Nevertheless, internal traffic flourished in the mean time. In 1689, the manufactures of copper, and brass, were revived, rather than introduced. The sword-blade company, which settled in Yorkshire, “brought † over foreign workmen.” The French refugees improved the fabricks of paper, and of silk, especially the lutestrings, and alamodes; which were so much encouraged by Parliament, that the weavers, being greatly increased in numbers, as well as in insolence, before the year 1697, raised a tumult in London, against

* Vol. iii. p. 369.

† And. Chron. Acc. of Com. vol. ii. p. 192.

the wearers of East-India manufactures.* The establishment of the Bank of England, in 1694, by facilitating public, and private, circulation, produced all the salutary effects, that were originally foretold ; because it has been, constantly, managed with a prudence, integrity, and caution, which have never been exceeded. By giving encouragement to fisheries, in 1695, a hardy race must have been greatly multiplied ; and by encouraging, in 1696, the making of linens, subsistence was given to the young, and the old.

The conclusion of every lengthened war, deprives many men of support, who are, therefore, obliged to re-enter once more into the competitions of the world. Yet, Doctor Davenant † assured the Marquis of Normanby, in 1699, “ that we really want people, and hands, to carry on the woollen and linen manufactories together.” Admitting the truth of an assertion, of which, indeed, there is no reason to doubt, the observation is, altogether, consistent with facts, and with principles. In less than two years, from the peace of Ryswick, the disbanded idlers had been all engaged in the manufactories, which we have seen established ; and in the foreign traffic, that has been shown to have flourished so greatly from this epoch, to the demise of King William. Now, what does the position of Davenant prove, more, than that uncommon

* And. Chron. Acc. of Com. vol. ii. p. 220.

† Essay on East-India Trade, p. 46.

demand never fails to produce remarkable scarcity, till a sufficient supply has been found? And Sir Josiah Child was, therefore, induced, a hundred years ago, to lay it down as a maxim; *Such as our employment is for people, so many will our people be.* Were we now to compare the circumstance, mentioned by Sir John Dalrymple, of the raising of three-and-twenty regiments in six weeks, during the year 1689, with the fact, stated by Doctor Davenant, “of the scarcity of hands,” in 1699, we ought to infer, that an alteration of manners, owing to whatever cause, had, in the mean time, taken place; and that the lower orders of men had learned, from experience, to prefer the gainful employments of peace to the less profitable, and more dangerous, adventures of war.

Yet, admitting that the *moral causes* before-mentioned had naturally produced an augmentation of numbers, during the reign of William, we ought here to remark, that the people who chiefly shared in the felicities, or were incommoded by the factions of those times, must have drawn their first breath, prior to the Revolution: the middle-aged, and the old, who enacted the laws, and as ministers, or magistrates, carried them into execution, must have been born, during the distractions of the civil wars, or amid the contests of the administration of Charles I.: and the gallant youth, who fought by the side of King William, must have first seen the light, soon after the Restoration.

But, it ought here to be stated, as a circum-

stance, which may be supposed to have checked the progress of population, that there had been actually raised, though with some difficulty, on nearly seven millions of people, in thirteen years * 58,698,688l. 19s. 8d. ; or, about 12s. 10*d.*, each person, a year :

If we average this sum, by the number of years, we shall gain a pretty exact idea of King William's annual income, - - - - L. 4,415,360 ; And if, from this, we deduct King James's revenue, - - - - 2,061,856 ;

The balance of augmentation will be L. 2,353,504.

The principal of the public debt, on the 31st of December, 1697, was - - - - - L. 21,515,743 ; whereon was paid an annual interest of - - - - - L. 1,246,376. And, these facts show how much more the people were burthened in the latter, than in the former, reign.

It has, nevertheless, been proved, that manufactures flourished in the mean time ; that there was a great demand for labour ; that the foreign traffic, and navigation of England, doubled, from the peace of Ryswick, to the accession of Queen Anne. For, the re-coinage of the silver, meantime, produced an exhilarating effect on industry, in the same proportion as the debasement of the current

* Mr Astle's Transcript.

coin is always disadvantageous, to the lower orders, and dishonourable to the State. The revival of public credit, after the peace of Ryswick, and the rising of the notes of the Bank of England to par, which had been depreciated, by the bad state of the coin, strengthened private confidence; at the same time, that those causes invigorated our manufactures, and our trade.* And, the spirit of population was still more animated, by the many acts of naturalization, which were readily passed, during every session, in the reign of William; and which clearly evince, how many industrious foreigners found shelter, in England, from the persecution of countries, less tolerant, and free. Thus, was a vigorous nation, according to MILTON,

“ ——Surer to *prosper*, than *prosperity*
“ Could have assur’d us.”

* The whole coinage of King William’s reign amounted only to 10,511,963*l.* There was but little, if any, legal meliorations, during this busy period: And, the bounty on corn is a measure of a very doubtful cast.

C H A P. V.

The War of Queen Anne.—The strength of the Nation.—The Losses of Trade.—The Revival of Trade.—Complaints of its Decline.—The Laws of Queen Anne, for promoting the Commercial Interests of the Nation.—The Union.—Reflections.

A NEW war, still more bloody, and glorious, than the former, ensued on the accession of Queen Anne. All Europe either hated the imperiousness, or dreaded, at length, the power, of Lewis XIV. But, it was his “owning and declaring the pretended prince of Wales to be king of England, Scotland, and Ireland,” which was the avowed cause of the hostilities of Great-Britain against France; though private motives have, generally, more influence than public pretences. When her treasurer sat down to calculate the cost, he found resources, in his own prudence. Her general saw armies, and alliances, rise out of his own genius, for war, and negotiation. And both estimated right; since a favourable change had gradually taken place, in the spirit, as well as in the abilities of the people.

If we inquire more minutely, into the national strength, we shall find, that England and Wales, now contained about - - 1,700,000 fighting men.

Brought over 1,700,000 fighting men.
 The Union with Scotland,
 added to these about - 325,000;

So that the United kingdom contained - 2,025,000:

If this number be multiplied by 4; then, the population will be 8,100,000; but, if by $4\frac{1}{2}$ be taken as the multiplier, for the proportion of *fighting men*, then will the aggregate population be 9,112,500; which would give an increase, for England, and Wales, of 650,000, from the Revolution to the Union with Scotland, exclusive of the additional numbers, which were added by that memorable event.

But, troops, without money, to carry them to war, with all that soldiers require, are of little avail. And happy is it, for this nation, at least, that there is a successive rise, in the accumulations of our wealth, in the same manner, as we have already seen, there is a continual progress, in our population; owing to the various means, which individuals constantly use, to meliorate their own condition. There can be little doubt, then, though Gregory King supposed the contrary, that the productive capital, and annual gains of the people, were greater, at the accession of Anne, than they had been, during the preceding reign, or in any former period.*

* After so expensive a war just ended, says Anderson, it gave foreigners a high idea of the wealth and grandeur of

Godolphin, and Marlborough, had not to contend, with the embarrassments, of their immediate predecessors. The disorders of the coin, which had so enfeebled the late administration, had been perfectly cured, by the great re-coinage of the last reign. The high interest, which had been given, and the still higher profit, that was made, by purchasing government securities, had drawn, meanwhile, much of the hoarded cash, within the circle of commerce. No less than 3,400,000l. of hammered money, which had been equally locked up, were brought into action, according to Davenant, by the act for suppressing it, in 1697. The Bank of England now lent its aid, by facilitating loans, and circulating Exchequer bills : And the public debts, and additional taxes, filled circulation, at present, and gave it activity ; as they had equally produced similar effects, when the Long Parliament opened the coffers of England. Owing to all those causes, the statesmen of the reign of Anne, borrowed money, at five *per cent.*, in 1702, and never gave more than six, during the war ; which alone shows, how the condition of this country had happily changed, from the time, that seven and

England, to see *two millions sterling* subscribed for in *three days*, (by the new East India Company in 1698); and there were persons ready to subscribe as much more : For, although, since that time, higher proofs have appeared, of the great riches of this nation, because our wealth is very visibly increased ; yet, till then, continues he, there had never been so illustrious an instance of England's opulence.

[Chron. Com. vol. ii. p. 223.]

eight per cent. were paid, only a few years before. The principal of the public debt, on the 31st of December 1701, amounted to - L. 16,394,701; whereon was paid an annual interest

of : - - - - I,109,123.

The taxes yielded nett into the exchequer, during the year 1701 : - L. 3,769,375.

Of this inconsiderable revenue the current services for the navy absorbed - L. 1,046,397
 the land service - 425,998
 the ordnance - 49,940
 the civil list - 704,339

2,226,674

There were applied to the payment of the principal, and interest, of debts : - 1,411,912

The balance remaining unapplied 130,789

* L. 3,769,375.

The nett sums paid into the exchequer, during the year 1703, from the customs, excise, post-office, land, and miscellaneous duties L. 5,561,944:

* Mr Astle's Transcript.

Of this sum, there were issued, for
 carrying on the war L.3,666,430
 For paying the civil list 589,981
 The interest of loans, - 430,307
 The balance remaining,
 for the payment of
 loans, and other ser-
 vices - - - 875,226
 ————— *L.5,561,944.

The taxes, which were annually levied, on the people, during the present reign, may be calculated, from the nett sums paid into the exchequer, in the years 1707—8—9—10, amounting, yearly, to 5,272,758l. This gives us an idea, sufficiently precise, of the pecuniary powers, which could then be exerted, by Britain. But, the military operations of the government, were more extensive, than the annual supplies of the parliament: So that, before Christmas 1711, unfunded debts were contracted, to the amount of 9,471,325l. This sum, was then too large, as it is said, to be borrowed, at any rate. The public creditors agreed to convert their claims into a capital, at a specified interest, with charges of management. And here is the origin, of the South Sea Company, and South Sea Stock, which, whatever help they now brought with them; in after times, were perverted to very distressful projects.

* Mr Astle's Transcript.

The supplies, granted during the present reign, amounted to - L. 69,815,457. 11s. 3*½*d.

The expenses of the war, as they were stated, by the commissioners of public accounts, amounted to - L. 65,853,799. 8s. 7*½*d. *

And the national debt swelled, before the 31st December 1714, to L. 50,644,306. 13s. 6*½*d. ; on which was paid, an interest of † L. 2,811,903. 10s. 5*½*d., or, about 5l. 11s. 6*½*d. per cent. ; and which were all more than counterbalanced, by the legislative encouragements, that were given, in this reign, to domestic industry, and foreign trade.

The surplus produce of our land, and labour, which was yearly exported, had, mean time, risen to L. 6,045,432 ; a circumstance, which equally evinces, that we had not yet much to spare ; and consequently no vast remittance, which could be annually sent abroad, for carrying on the war.

The tonnage of English ships, which, from time to time, transported this cargo, and which, at that epoch, formed the principal nursery, for the royal navy, had increased to 273,693 tons ; This shipping must have been navigated, if we allow twelve men to every two hundred tons, by - 16,422 sailors.

By an enumeration ‡ of the trading vessels, of England, in January 1701, it appeared that,

* Camp. Pol. Survey, vol. ii. p. 543.

† Hist. of Debt, p. 80 ; which gives a particular statement.

‡ A detail in the Plantation-office.

London had - - 84,882 tons,
 The out-ports had 176,340
 —————— 261,222 ; and
 that they were navigated by 16,471 men, and
 120 boys, or 16,591 sailors.

The inconsiderable difference, between the enumerated tonnage and mariners, and the tonnage and mariners, cleared at the Custom-house, only marks, that several ships had entered, more than once, and that, a greater number of men were then allowed to every vessel, than there are now; whence we may infer, that the calculation, and the enumeration, prove the accuracy of each other.

The royal navy, which, in	Tons.	Men.
1695, had carried -	112,000	and 45,000,
had mouldered, before		
1704,* to -	104,754	— 41,000

* An admiralty-list, of all her Majesty's ships, and vessels, in sea-pay, at home, and abroad, on the 27th of February 1703-4, with the highest complement of men, and the numbers borne, mustered, and wanting. [From the Paper-office.]

Number of Ships. Rates.

5 — of — 2

40 — — — 3

57 — — — 4

33 — — — 5

16 — — — 6, besides fire-ships,

bombs, and smaller vessels, all which

Complement of Men.	Borne.	Mustered.
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Contained 46,745	— 39,720	— 30,778
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Wanting — — —	7,025	— 15,967
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Its real force will, however, more clearly appear, from the following detail : *

Ships of the line employ-

ed in	-	-	1702	-	74;	in	1707	-	72
			1703	-	79	-	1708	-	69
			1704	-	74	-	1709	-	67
			1705	-	79	-	1710	-	62
			1706	-	78	-	1711	-	59
				—	—	—	—	—	—

Such, then, was the augmented strength of the nation, under Queen Anne. Let us now inquire into the losses of our trade, during her glorious, but unproductive, war.

The effort of the belligerent powers, was made chiefly by land ; and the foreign trade, of England, seems to have rather languished, than to have been overpowerd, as it had been, for a season, during the preceding contest. Let us examine the following proofs :

Years.	Ships cleared outwards.			Value of cargoes. L.
	Tons English.	Do.	Foreign.	
1700	273,693	- 43,635	- 317,328	- 6,045,432
1705	—	—	—	5,308,966
1709	243,693	- 45,625	- 289,318	- 5,913,357
1711	266,047	- 57,890	- 323,937	- 5,962,988
1712	326,620	- 29,115	- 355,735	- 6,868,840
	—	—	—	—

* Philips's State of the Nation, p. 35,

The revenue of the post-office, * on an average of the four last years of William, yielded nett - - L. 82,319
 Ditto, of the four first years of the war 61,568

Thus, the year 1705, marked the lowest stage of the depression of commerce, during Queen Anne's wars; whence it gradually rose till 1712, the last year of hostilities, when our navigation, and traffic, had gained a manifest superiority, over those of any former period of peace.

Let us behold the rebound of this mighty spring, when the return of tranquillity had removed every pressure, by contrasting the average of the ships, cleared outwards, and of the value of their cargoes, during the three peaceful years, preceding the war, with both, during the three years, immediately, following the treaty of Utrecht. Thus,—

Years.	Ships cleared outwards.			Value of cargoes.	
	Tons English.	Do.	Foreign.	Total.	L.
1699					
1700	293,703	-	43,625	-	337,328 - 6,425,425
1713					
14	421,431	-	26,573	-	448,004 - 7,274,025
15					

* Mr Astle's Transcript.

The nett annual revenue * of the post-office, according to an average of the years 1707—8—9—10	- - - - L. 58,052
Ditto, on an average † of the years 1711—12—13—14	- - - - 90,223

At the moment of this marvellous advance, in manufactures, traffic, and industry, the people were taught to believe, that those blessings, scarcely, existed among them. “Our trade,” said Mr William Wood, to King George I. ‡ “was then expiring; our foreign commerce, in many parts, entirely lost, and, in general, suspended; what little was left us was become too precarious to be called ours.” And, in the encomiastic style of his dedication, he attributed our regeneration, from “the lost condition our trade was then in, to his Majesty’s timely accession.” The ministers of this monarch did little honour to themselves, by in-

* Mr Astle’s Transcript.

† And. Chron. Com. vol. ii. p. 266. But, the office had been now extended to every dominion of the crown, and the rates of postage, augmented one-third, from 1710. The post-office revenue, says Anderson, is a kind of *politico-commercial pulse* of a nation’s prosperity or decline.

‡ Wood’s Dedication of *The Survey of Trade*. This was not the same William Wood, who obtained the patent for coining Irish halfpence, which procured him so much celebration, by Swift; but it was the William Wood, who was, afterwards, appointed to the office of Secretary to the Commissioners of the Customs.

citing all that clamour, or by propagating so much factious falsehood. It was not the peace of Utrecht, which promoted the unexampled prosperity of our commercial affairs ; but, it was *peace*. Yet, said Archibald Hutchinson, in 1720, *It is too well known, and a sad truth it is, that the balance of trade, has been, for some time, against us.* The cause, why *declamations* prevail so greatly, said Hooker, is, for that men suffer themselves to be deluded.

The public revenue, had now been divided into the *established income*, as the inland duties, the excise, and the customs : and into *annual grants*, as the malt, and the land taxes. The inland duties, consisting, at the demise of the Queen, of fifteen distinct heads, were all managed, by distinct commissioners, and may be estimated, at the yearly amount of 453,002l., from an average of the years 1707—8—9—10. The excise, properly so called, and collected, under the peculiar management of the commissioners of excise, consisted of twenty-seven different articles, and may be calculated, from the same average, at 1,629,245l., including the duty on malt. And we may thence determine, how much it may have obstructed labour, and checked the progress of population. The nett customs, arising from our imports, and exports, consisted then, of forty-one different branches, and may be calculated, from a fifteen years average, from 1700, to 1714 inclusive, to have amounted to 1,352,764l. *

* Philips's State of the Nation.

Having enumerated “that sad detail of taxes,” the historian of our debts exclaims: “Can we wonder at the decay of our commerce, under such circumstances? Should not we rather wonder that we have any left?” But, what regard is there due to a general inference, in opposition to authentic facts? It has been already demonstrated that, in no former effluxion of time, did the manufactures, and trade of England, flourish so much, or amount to so large an extent, as at the demise of Queen Anne, notwithstanding the greatness of our imposts, and the immensity of our debts. And, when we consider, too, that the taxes had produced, abundantly, we may, from those decisive circumstances, certainly conclude, that the war had little incommoded the industrious classes; and that the principle of procreation exerted its powers, while an attentive diligence preserved a numerous progeny, by furnishing the constant means of subsistence, while there was a vast export of corn, owing to its cheapness at home, with the exception of two, or three years of scarcity.

Whoever examines the laws of Queen Anne, with a view to this subject, must be of opinion, that they all tended to promote the commercial interests, and local improvements, of the nation, as such interests were then understood. In this reign, there were acts of Parliament passed,

For encouraging shipping, and foreign trade	17
For promoting manufactures	5
For roads, churches, bridges, and paving .	26
For piers, harbours, &c.	10
For enclosures, and agricultural improvements	8
For the management of the poor	5
	—
For all those useful purposes *	71
	—

But, the union of the two kingdoms, is the glory, and ought to be the boast, of her reign. The incorporation of two independent legislatures has proved equally advantageous to both countries, whether we regard the interests of the State, or the happiness of the governed. When we consider the weakness, which resulted from the ancient inroads of the Scots, and the danger of future separation, we must allow, that this conjunction was worth, to England, almost any price. And the compression of the hearts, and hands, of two divided nations, gave an elasticity, and vigour, to the United kingdoms, which, separately, neither had ever attained. If, as communities, so much strength, and felicity, were derived from the Union, the Scottish people, as individuals at least, were still greater gainers,

* The whole coinage of this reign amounted only to 2,691,626*l.*; whence we may infer, that the coins of King William had been melted, rather than formed a circulation, full, and overflowing.

from this association of interests, and affections. Freed from the tyranny of the nobles, by being admitted into a political system, more liberal than their own, the people of Scotland, thenceforth, enjoyed the same privileges, as similar ranks, in England, had long derived, from fortunate events, or wise institutions. And, invested with the same benefits of commerce, the Scots meliorated their agriculture, improved their manufactures, extended their trade, and acquired an opulence, which, as a people, separate, and overshadowed, they had not, for ages, accomplished. The acquisitions of both, happily, proved advantageous to each. And, while the English busily cultivated the peculiar arts of peace, the Scots were brought, by a wise policy, from their mountains, the natural nursery of warriors, to fight the national battles of both.

From the epoch of the Union, the same salutary regulations promoted equally the prosperity, and populousness, of Great Britain. Among these, Anderson * has recorded the useful revival, in 1710, of the ancient assize of bread, and ale, [1266]; because “ it was so necessary for our labourers, and artificers, as well as for all other people.” Whatever number of lives were lost, during the wars of William, and Anne, it seems certain, says that industrious compiler, “ that the artificers of England did irreparable damage, in

* Chron. Com. vol. ii. p. 251.

the mean time, to the French, by robbing them of many of their best manufactures, wherewith they had before supplied almost all Europe. ”

The foregoing details, cast a just censure on the furious party-contests, during the last years of Queen Anne, in respect to the condition of our commerce ; as if the prosperity, or the ruin of manufactories, and trade, were influenced by the continuance of statesmen in the possession of emolument, or in the expectation of power. The husbandman, and the sailor, only look for employment ; the mechanic, and the merchant, only inquire for customers, without caring, who are their rulers ; since they seldom gain, from the contests of the great ; and certainly know, that they enjoy protection, from the administration of justice, and from the operation of law. POPE strewed, on that reprobated pacification, some of the fairest flowers, which grace the elegant garden of English Poetry ; and which proved as offensive to one party, as they were pleasing to the other :

The time shall come, when free, as seas, or wind,
Unbounded THAMES shall flow for all mankind.
While nations enter, with each swelling tide,
And seas but join the regions they divide ;
Earth's distant ends our glory shall behold,
And the New world launch forth, to seek the Old :
Then, ships of uncouth form shall stem the tide,
And feather'd people crowd my wealthy side ;

H

While naked youths, and painted chiefs, admire
Our speech, our colour, and our strange attire :
Oh ! stretch thy reign, fair PEACE, from shore to shore,
Till Conquest cease, and Slavery be no more.
Exil'd by Thee, from earth, to deepest hell,
In brazen bonds, shall barbarous Discord dwell ;
Gigantic pride, pale Terror, gloomy Care,
And mad Ambition, shall attend her there :
There, purple Vengeance, bath'd in gore, retires,
Her weapons blunted, and extinct her fires :
There, hateful Envy her own snakes shall feel,
And Persecution mourn her broken wheel :
There, Faction roar, Rebellion bite her chain,
And gasping Furies thirst for blood in vain,

C H A P. VI.

Foreign Disputes of George I.—The State of the Nation.—Observations.—The Progress of Commerce ; and Shipping.—Complaints of a Decline of Trade.—Industry, and Traffia, encouraged.—Remarks.

WHILE George I., who ascended the throne, in 1714, was, in secret, little anxious about the enjoyment of his crown, amid the clash of domestic parties, he engaged, successively, in contests with almost every European power ; because each, in its turn, had given protection to the Pretender to his rights.

But, the foreign disputes of this reign were short, as well as unexpensive : And they did not, therefore, call forth the whole force of the kingdom ; which may be deduced in the following manner.

If the current of population continued its progress, as we have seen it did, to the commencement of the present reign, the fighting men must necessarily have amounted, during the time of George I., to two millions and fifty thousand. And the effective wealth of the country, there is reason to think, had accumulated, meanwhile, in a still greater proportion ; from preceding encouragements, and the augmentation of capitals,

Owing to the increase of circulation, which enables the opulent to convert, so easily, land into coin, or coin into land, and to the accumulation too of moveable property, the interest of money began to fall towards the end of King William's reign, when no great balance of trade flowed into the kingdom. And the natural interest continuing low, even amid the pressures of the subsequent war, the Parliament enacted, in 1713, that the legal interest should not rise higher than five *per cent.* after September 1714. Thus, England, while she was yet embarrassed, with the never-failing consequences of war, gained “that abatement of interest, by law,” which Sir Josiah Child rather too fondly insisted, during the preceding age, would produce so many benefits to his country: *The advance of the price of lands in the purchase; the improvement of the rent of farms; the employment of the poor; the multiplication of artificers; the increase of foreign trade; and the augmentation of the stocks of people.* The natural interest of money fell to three *per cent.* in the reign of George I., while the government seldom borrowed, at more than four; evincing, by the fall, a considerable progress, in the industry and trade, in the wealth and circulation, of the country.

The practice of borrowing, on behalf of the State, had commenced with the pressures of King William's reign. This policy was continued, and extended, during the wars of Anne. But, in the time of her successor, the contract between the

government, and the lenders, was not so much made, as in preceding times, for the repayment of the principal, as for an annuity, instead of the interest.

The nation had thus contracted a debt, before the 31st of December, 1714, of L. 50,644,307 ;

to pay the interest of which required, from the land, and labour, of this kingdom, yearly, - - L. 2,811,904 ; or about 5l. 11s. 6 $\frac{1}{4}$ d. per cent.

It ought to be remembered, however, that this debt was due by the nation, in its collective capacity ; but, that individual creditors had acquired a vast capital in it, of the more importance to them, and the public ; as, besides yielding an annual profit, it was equally commodious, as coin, for all the uses of life ; since it could be easily pledged, or transferred : And land-owners were, thereby, enabled to improve their estates, manufacturers to carry on their business, traders to extend their commerce, and the whole people to pay their taxes. If by that debt, and by this annuity, the State was somewhat embarrassed, the industrious classes derived, probably, some advantage from the active motion, which was thereby given to the circulating value of all things. Yet, if the people received no positive benefit, they were, at least, enabled, by this facility, to sustain actual burdens, with greater ease.

While taxes were, without rigour, collected

from annual income, and not from productive capital, a financial operation was performed, in 1716, which gradually relieved the embarrassments of the State, and gave fresh vigour to *circulation*, that energetic principle of commercial times. All those taxes, which had, from time to time, been granted, for the payment of various annuities, were, at once, made perpetual, and directed to be paid into three great funds. The interest of the public debts was reduced from six *per cent.* to five. And whatever surpluses might remain, after paying this liquidated interest, were ordered to be thrown into a fourth fund, which was, thenceforth, called *the sinking fund*; because it was designed to pay off the principal, and interest, of such debts, as had been contracted, before Christmas 1716.

So productive were the taxes, owing to the prosperity of the people, that those surpluses amounted, before the end of the reign of George I., to 1,083,190l.* And those surpluses would have made the country still more prosperous, had the sinking fund been constantly applied, as it was thus originally designed; by keeping circulation full, and overflowing, and thereby preventing what is commonly deplored, as *a scarcity of money*, though it be only an impeded circulation.

Notwithstanding that salutary operation, and our manufactures, and trade were, at the same time, greatly encouraged, the capital of the public debts amounted to nearly as much, at the demise of

* Exchequer account, in the History of Debts.

George I., as it had been at his accession, though the annuity, payable on them, was by those means somewhat reduced; as appears by the following statement: The principal of the national debt was, on the

31st of December, 1714 L.53,681,076; the interest thereon L.2,811,904.

Do. on 31st Dec. 1727 52,092,235; Ditto - 2,363,564.

The intermediate diminution - - - - } L.1,588,841 - - - - - L.448,340

We shall, however, gain a more adequate notion, not only of the public revenue, and burdens, but of the resources of the nation, from the following detail:

The net excise, according to a medium of four years, ending at Michaelmas, 1726, (exclusive of the malt-tax) - - - L.1,927,354

The net annual customs 1,530,361

Various, and promiscuous internal taxes - 666,459

Total appropriated ————— L.4,124,17

The land-tax at 2s. in the pound was given for L.1,000,000

Malt-duty brought in L.680,000, but was

given, for - - - 750,000

Raised by lottery - 750,000

The total annual grants for current services ————— L.2,500,000

The net annual revenue	- - - -	L.6,624,175
The charges of collection	- - - -	600,000

The gross sum raised, yearly, on the people	- - - - -	L.7,224,175
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The public expenditure was as follows :

Interest of a debt of L.50,793,555,* including the surplus of the civil list, which is L.3,678 <i>per annum</i> ,	- - - - -	L.2,240,985
The civil list	- - -	800,000

The surplus of the sinking fund	-	1,083,190
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The current services of the army, navy, &c.	- - - - -	2,500,000
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The annual charges, with current services	- - - - -	6,624,175
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Salaries, and other charges, at least,		600,000
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The gross sum, annually, applied	L.7,224,175
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The value of the surplus products of the land,
and labour, of England, after domestic consump-
tion was fully supplied, amounted, yearly, at the
accession of George I., to 8,008,068l. ; which

* But, according to James Postlethwayt's History of the Public Revenue, the national debt, on the 31st of December, 1726, was L.52,771,005; whereon was paid an annuity of L.2,562,217.

formed a much larger cargo than had ever been exported before. And, from this circumstance, we might infer, that there was now employed a greater capital in trade than, by means of its productive employment, had, in any prior age, promoted the wealth and greatness of Britain.

The English shipping, which exported that vast cargo, at the accession of George I., had then increased to - - - - 444,843 tons ; which must have been navigated, if we allow twelve mariners to every two hundred tons, by - 26,691 men.

The royal navy, which had been principally left by Queen Anne, carried, in 1715, - - - 167,596 tons ; Wood stated * the amount of the navy, in 1721, at - - - 158,233 tons :

which, said he, is more than in 1688, by 57,201 tons ; and more than in 1660, by 95,639.

Notwithstanding the boasts of Wood, and the glory acquired, by defeating the Spanish fleet, in 1718, it is apparent, that the navy had lately sustained a diminution of - - - - 9,363 tons.

* Survey of Trade, p. 55.

Having said thus much, with regard to the strength of Britain, let us now examine the losses of our trade, from the petty wars of the present reign; which seem not, indeed, to have much interrupted the foreign commerce of the kingdom, while salutary regulations excited the domestic industry of the people.

Owing, probably, to a complication of causes, the traffic, and navigation, of England, appear to have struggled with their oppressions, during this reign, but never to have risen much superior to the amount of both, in the year of the accession of George I. The following details offer sufficient proofs of the truth of this representation:

Years.	Ships cleared outwards.			Value of Cargoes.	
	Tons English.	Do. Foreign.	Total.	L.	
1714	444,843	- 33,950	- 478,793	- 8,008,068	
15	406,392	- 19,508	- 425,900	- 6,922,263	
16	438,816	- 17,493	- 456,309	- 7,049,992	
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
1718	427,962	- 16,809	- 444,771	- 6,361,390	
23	392,643	- 27,040	- 419,683	- 7,395,908	
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

We shall see, however, a progress, if we contrast the averages of our navigation, and trade, at the beginning, and at the end, of George I.'s reign; and if we also recollect, that the business of 1726, and 1727, was somewhat interrupted by war, or by preparations for war.

Years.	Ships cleared outwards.			Value of Cargoes. L.
	Tons English.	Do.	Foreign.	
1713				
14	421,431	-	26,573	- 448,004 - 7,274,025
15				
1726				
27	432,832	-	23,651	- 456,483 - 7,891,739
28				

During this progress, there were, however, “a general complaint and concern of the nation, on the subject of a *decline of trade.*” * Joshua Gee published, in 1729, his treatise, which, in order “to show the wounds our commerce, and manufactures, had received, he put into the hands of the Ministers, of the King, the Queen, and the Prince.” † When Erasmus Philips wrote his *State of the Nation*, in 1725, ‡ he found “some men so gloomy, that they thought us in a worse condition, than we really are, and that it would be impossible to pay off the public debts; since all this pomp is nothing but false lustre; as we owe more than we are worth; as our money is diminished; and as we have little left, but paper credit.” Against this contemporaneous declamation, which shows that man, in every age, utters his lamentations, in a similar tone, Philips stated, what experience has shown to have been undoubt-

* Wood’s Survey.

† Gee’s Dedication.

‡ Preface to *The State of the Nation*; which, as well as Wood’s Survey, was dedicated to the King, according to the practice of the times.

edly true, the *certain proofs* of the *prosperity* and *opulence* of a country; great numbers of *industrious people*; a rich *commonalty*; money at low *interest*; and land at a great value.

Nevertheless, there were assuredly events, during the reign of George I., which cast a gloom over the nation, and obstructed general prosperity. The persecutions of the great, on the accession of a new family, which were followed by the tumults of the mean, ought to give a lesson of moderation; since they were attended with no good consequences to the State. The subsequent rebellion of 1715 brought with it a twelvemonth of distraction, without leaving the terrors of example. And the war with Spain, in 1718, obstructed our Mediterranean commerce, as every war, with that kingdom, must continue to do, while Gibraltar, the great cause of hostilities, remains, and bids the Spaniards defiance. But, it was the infamous year, 1720, which diverted all classes to projects, and bubbles, that ought to be blotted from our annals, if they did not form remarkable beacons, to direct our future course.

Of this reign, it is the characteristic, that, though, in no period, were there so many laws enacted, for promoting domestic, and foreign trade; yet, at no time, did both prosper less, during those days of captious peace, rather than avowed hostilities. The treaty of commerce, with Spain, in 1715, must have inspired our traders with fresh vigour. The law which, in 1718, prohibited any

British subject from carrying on traffic to the East, under foreign commissions, turned their ardour upon more invigorating objects, by preventing productive capital, from being sent abroad. The measure of allowing the exportation of *British-made linen, duty free*, in 1717, gave us a manufacture, which is said, even then, to have employed many thousands of the poor. And the fisheries were encouraged by bounties, which must have multiplied the important race of our mariners.

The salutary laws, which were made, for inciting domestic industry; were, doubtless, more efficacious, in the subsequent reign, than they were felt, in any great degree, during the present. The manufactories of iron, of brass, and of copper, being considered as the third in extent, since they employed, *as it was said*, in 1719, two hundred and thirty thousand persons, were promoted with the attention, which was due to their importance. The continued encouragement, that had been given to the fabrics of silk, and the erection of the vast machine of Lomb, in 1719, had raised the annual value of this manufacture to 700,000l., in 1722, more, as it is stated, than it had yielded, at the Revolution.

But, the year 1722 must always form an epoch, as memorable, for a great operation, in commercial policy, as the establishment of the sinking fund, had been in finance, a few years before. The Parliament had, indeed, in 1672, withdrawn

the duties, which were then payable by *aliens*, on the exportation of *our own* manufactures. This salutary principle was still more extended, in 1700, by removing the imposts on every kind of woollen goods, that should be thereafter sent abroad. It was, however, by the law for the further encouragement of manufactures, that every one was allowed, to export, *duty free*, all merchandizes, the produce of Great Britain, except only such articles, as should be deemed materials of manufacture; while drugs, and other goods, used for dyeing, were equally permitted, to be imported *duty free*. And other facilities were, at the same time, given to trade; whilst the fisheries were promoted, by bounties.

After enumerating all preceding measures of encouragement, Anderson * remarks, in 1727, that nothing can more obviously demonstrate the amazing increase of England's commerce, in less than two centuries past, than the great growth of its manufacturing towns, such as Liverpool, Manchester, Birmingham, and others; which are still increasing in wealth, people, business, and buildings. Yet, Lord Molesworth † complained, in 1721, "that we are not one-third peopled; and our stock of men daily decreases through our wars, plantations, and sea-voyages." His lord-

* Chron. Com. vol. ii. p. 314.

† Pref. to his Translation of Hottoman's Franco-Gallia, 2d edit. p. 23-4.

ship was arguing, when he made this observation, for a *general naturalization*, a policy of very doubtful merit; because, in all sudden change, there is considerable inconvenience; and he may have, therefore, been biassed by his principle. If this nobleman intended to add his testimony to an apparent fact, that he saw no labourers to hire, his evidence would only prove, *that the industrious classes were fully employed*; and employment never fails to promote population. If his lordship, only, meant to give vent to his laudable anxieties, for his country, this circumstance would lead us to infer, that great, as well as little, minds, are too apt to complain of the miseries of the present;

When we *our betters* see bearing our woes,
We scarcely think *our miseries* our foes.

C H A P. VII.

The State of the Nation, at the Accession of George II.—Remarks thereon.—The Increase of Trade, and Shipping.—Complaints of their Decline.—Reflections.—Our Strength, when War began in 1739.—Our Trade, and Shipping, during the War.—The Prosperity of both, at the Restoration of Peace.—Complaints of Decline.—Remarks.

THE reign of George II. with whatever sinister events it opened, will be found to have promoted greatly, before its successful end, the industry, and productive capital of the nation ; and, consequently, the efficient numbers of the people, by the means of augmented employments.

He found his kingdom burdened, with a funded debt, of rather more than fifty millions ; which required annually, from the land, and labour, of the nation, taxes to the amount of two millions, and upwards, to pay the creditor's annuity.

But, as his predecessor reduced, ten years before, the interest payable on the public debts, from six *per cent.* to five, the administration of the present King made a further reduction, with the consent of all parties, from five *per cent.* to four, in 1727. Those measures, which the fortunate circumstances

of the times, rendered easy, and safe, not only strengthened public and private credit, but, by reducing the natural interest of money still more, must have thereby facilitated every operation of domestic manufactures, as well as every effort of foreign traffic. The fabrics of wool were, at the same time, freed from fraud. And, the peace with Spain, in 1728, must have invigorated our exports to the Mediterranean, the more, as a truce was then also made with Morocco.

Yet, party-rage ran so high, in 1729, says Anderson,* that the friends of the minister found themselves obliged to prove, by *facts*, what was before, generally, known to be true, that *Britain was, then, in a thriving condition*: The low interest of money, said they, demonstrates a greater plenty of cash, than formerly; this abundance of money has raised the price of lands, from twenty, and twenty-one years purchase, to twenty-one, and twenty-five; an advance, which proves that, there were more persons able, and ready to buy than formerly;—And the great sums, which were of late expended in the enclosing, and improving of

* Chron. Com. vol. ii. p. 322.—The cause of the above-mentioned *party-rage* is now sufficiently known. Sir Spencer Compton outwitted himself in the bargain for *place*, about Queen Caroline's jointure. Sir R. Walpole did not higgle with her Majesty about a hundred thousand pounds: and he was, in return, continued *the minister*. But, the prosperity of the people is nowise connected with the interested contests among *the great*.

lands, and in opening mines, are proofs of an augmentation of opulence, and of people; while the increased value of our exports, shows an increase of manufactures; at the same time that the greater number of shipping, which were cleared outwards, marks the wider extent of our navigation.

If we compare the averages of our vessels, and cargoes, in the first years of the present reign, with those of the three years of peace, which preceded the war of 1739, we shall see all those truths, in a still more pleasing light:

Years	Ships cleared outwards.			Value of Cargoes. L.
	Tons Eng.	Do. foreign.	Total.	
1726	27	432,832	- 23,651	456,483 - 7,891,739
		28		
1736	37	476,941	- 26,627	503,568 - 9,993,232
		38		

It was at this moment of unexampled prosperity, that the elder Lord Lyttleton wrote *Considerations on the present State of Affairs*, (1738): “ In most parts of England,” says he, “ gentlemen’s rents are so ill paid, and the weight of taxes lies so heavy upon them, that those, who have nothing from the Court, can scarce support their families:—Such is the state of our manufactures; such is that of our colonies: both should be inquired into, that the nation may know, whether the former can support themselves much longer under their various pressures.” The editor of his lordship’s works would have done no

disservice to the memory of a worthy man, had he consigned this factious effusion to anonymous obscurity. Animated by a congenial spirit, Pope too wrote *Considerations on the State of Affairs*: In his two dialogues, entitled THIRTY-EIGHT, he represents, in most energetic language, and exquisite numbers, the nation as *totally ruined*; as *overwhelmed with corruption*:

" See thronging millions to the Pagod run,
And offer country, parent, wife, or son !
Hear her bleak trumpet through the land proclaim,
That not to be corrupted is the shame."

It was about the same time also, that William Richardson composed his Essay "On the Causes of the Decline of Foreign Trade." But, it is not easy to conceive, that any disquisition can be more depraved, than a treatise to explain *the causes of an effect, which did not exist*.

It was the evident purpose of some of those writers to drive the nation headlong into war, without thinking of any other consequences; than acquiring power, or gratifying spleen; and without caring how much a people, represented as unable to pay their rents, might be burthened with taxes; or a country, painted as feeble, from dissipation, might be disgraced, or conquered.

If the nation had thus prospered, in her affairs, and the people thus increased in their numbers, Great Britain must have contained, when she was

factionally forced into war with Spain; a greater number of fighting men, than had ever fought her battles before. And she must have possessed a mass of productive capital, and a greatness of annual income, far superior to those of former years.

The course of circulation had filled, and even overflowed. The natural interest of money ran steadily at three *per cent.* The price of all the public securities had risen so much higher, than they had been, in any other period, that the three *per cent.* stocks sold at a premium on 'Change.* And the annual surpluses of the standing taxes, as they were paid into the sinking fund, amounted, in 1738, to no less a sum than 1,231,127l.

Of this fund, some writers have very properly observed, that, while it contributes to the liquidation of former debts, it still more facilitates the contracting of new ones. But, the great contest, among the public creditors, at that fortunate epoch, was not so much, who should be paid his capital, as who should be suffered to remain the creditors of the State.† How much of the public debts had been paid, during the last ten years, and how much still remained, as a burden on the State, will appear from the following detail :

On

* Sir J. Barnard's speech for the reduction of interest.

† Idem.

On the 31st Dec. 1728,

the principal was -	L. 51,048,431;	— the interest -	L. 2,137,782
Ditto - - - 1738,	46,661,767;	— Ditto - - -	1,962,053

The intermediate diminu-

tion - - - - -	L. 4,366,664	L. 175,729
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The value of the surplus produce of our land, and labour, which were then exported, amounted, yearly, to 9,993,232l.; and which were undoubtedly applied, when sent to foreign countries, as remittances, for carrying on the war, at the greatest distance. It is, indeed, an acknowledged fact, that during no effluxion of time, was there ever such considerable balances paid to England, as there were transmitted, in the course of the war of 1739, on the general state of her payments.

The English shipping, which actually transported that vast cargo of 9,993,232l., amounted, annually, to 476,941 tons; which were navigated probably by 26,616 men, who might have been all engaged, in the public service, either by influence, or force.

There

There had, meanwhile, been an equal progress, in the augmentation of the royal navy; which carried

	Tons.
in 1727	170,862
in 1741	198,387
in 1749	<u>228,215*</u>

Thus much being premised, as to the state of our strength, we shall gain a sufficient knowledge

* An admiralty-list, in the Paper-office, gives us the following detail of the King's ships in sea-pay, on the 19th July 1738:

	Ships.
Stationed in the Plantations	24 carrying 5,045 men.
in the Mediterranean,	17 - - 5,011
at Newfoundland,	3 - - 690
Ordered home,	- - - - 4 - - 720
On the Irish coast,	- - - - 6 - - 550
At home,	- - - - - 41 - - 9,602
	<u>—</u>
	95 21,618 mariners.

By preparations for a naval war, the foregoing list had been swelled, before March 1739, to 147 ships, carrying 38,849 men. But their numbers were defective, in 4,758 borne, and in 8,618 mustered. From the same authority, we have the following abstract of the royal navy, in June 1748; which, when compared with the list of 1738, gives us an idea, sufficiently precise, of the fleet of England, during the war of 1739.

It consisted of - - - 89 ships of the line,
of - - - 153 frigates.

—
242; whose complement of
men was 60,654.

of the condition of our navigation, and commerce, during the war of 1739, by attending to the subjoined detail of our mercantile shipping, and car-goes :

Years.	Ships cleared outwards.			Value of cargoes,	
	Tons English.	Do. Foreign.	Total.	L.	
1736					
37	476,941	26,627	503,568	9,993,232	
38					
1739					
40	384,191	87,260	471,451	8,870,500	
41					
1744	373,817	72,849	446,666	9,190,621	
1747	394,571	101,671	496,242	9,775,340	
1748	479,236	75,477	554,713	11,141,202	
	—	—	—	—	—

Thus, the year 1744 marked the ultimate point of commercial depression, if we may judge, from the tonnage ; and 1740, if we draw our inference, from the value of exports : Yet, whether we argue, from the one year, or from the other; we must conclude, that the interest of merchants was little injured, if it were not promoted, by this naval war.

But we shall at once see how little our industrious classes had been oppressed, at home, by the war, and with what elasticity the spring of foreign trade rebounded, on the removal of warfare, by comparing the averages of our navigation, and

commerce, during the peaceful years, before hostilities began, and after they ended :

Years.	Ships cleared outwards.			Value of cargoes. L.
	Tons English.	Do.	Foreign.	
1736				
37	476,941	-	26,627	-
38	503,568	-	9,993,232	
1749				
50	609,798	-	51,386	-
51	661,184		12,599,112	

During the foregoing fifty years of uncommon prosperity, as to our agriculture * and manufacture, our navigation, and traffic, and credit, the incumbrances of the public, and the burdens of the people, equally continue to increase. The debt, which was left at the demise of Queen Anne, remained undiminished, in its capital, at the demise of George I., though the annuity payable on it had been lessened almost a million. The ten

* It appears, by an account laid before the Parliament, that there had been exported, in five years, from 1744 to 1748, corn, from England, to the amount of 3,768,444 quarters : which, at a medium of prices, was worth to this nation, 8,007,948*l.* Now, the average of the five years is 753,689 quarters, yearly, of the value of 1,601,589*l.* The exportation of 1749, and 1750, rose still higher. "This is an immense sum," says the compiler of the Annual Register, [1772, p. 197], "to flow immediately from the produce of the earth, and the labour of the people ; enriching our merchants, and increasing an invaluable breed of seamen." He might have added, with equal propriety, enriching our yeomanry, and increasing the useful breed of labourers, who are dependent on them.

years of subsequent peace having made little alteration, the public debt amounted, on the 31st of December, 1738, to - - - - L. 46,661,767

On the 31st of December, 1749,

to - - - - * 74,221,686

—whence we perceive, by an easy calculation, that an additional debt had been, meanwhile, incurred, of 27,559,919l., besides unfunded debts to a considerable amount. But, the nine years war of 1739 cost this nation upwards of sixty-four millions, without gaining any object; because no valuable object can be gained, by the generality of wars, which, as they often commence without adequate cause, end usually without much deliberation. It is to be lamented, when hostilities cease, that the party, which forces the nation to begin them, without real provocation, is not compelled to pay the expense.

The current of wealth, which had flowed into the nation, during the obstructions of war, continued a still more rapid course, on the return of peace. The taxes produced abundantly, because an industrious people were able to consume liberally. And the surpluses of all the imposts, after paying the interest of debts, amounted to 1,274,172l. † The coffers of the rich began to

* History of Debts, and J. Postlethwayt's History of the Public Revenue.

† History of Debts, from an Exchequer account.

overflow. Circulation became still more rapid. The interest of money, which had risen during the pressures of war to four *per cent.* fell to three, when the cessation of hostilities terminated the loans to government. The administration seized this prosperous moment, to reduce, with the consent of the proprietors, the interest of almost fifty-eight millions of debts, from four *per cent.* to three and a half, during seven years, from 1750, and afterwards to three *per cent.* for ever. And by those prudent measures, the annuity, which was payable to the creditors of the state, was lessened, in the years 1750 and 1751, from 2,966,000l. to 2,663,000l. *

It was at this fortunate epoch, that Lord Bungbroke wrote *Some Considerations on the State of the Nation*; in which he represents *the public as on the verge of bankruptcy, and the people, as ready to fall into confusion, from their distress, and danger.* Little did that illustrious party-man know, at least little was he willing to own, how much both the public, and the people, had advanced, from the time, when he had been driven from power, in all that can make a nation prosperous, and great. Doddington, at the same time—" saw the country, in so dangerous a condition, and found himself so incapable to give it relief," †—that he resigned a lucrative office, from pure disinterestedness. And the second edition of Richardson's *Essay on the Causes of the Decline of Foreign Trade*, was oppor-

* J. Postlethwayt's History of the Revenue, p. 238,

† Diary, March 1749—50, &c.

tunely published, with additional arguments, in 1750, to evince to the world the causes of an effect that did *not exist*:

State, and wealth, the business, and the crowd,
Seem, at this distance, but a darker cloud :
And are to him, who rightly things esteems,
No other, in effect, than what it seems.

Notwithstanding all that apparent prosperity, and augmentation of numbers, we ought to mention, as circumstances, which probably may have retarded the progress of population, the Spanish war of 1727, that was not, however, of long continuance. The settlement of Georgia, in 1733, carried off a few of the lowest orders, the idle, and the needy. The real hostilities, that began in 1739, were probably attended with much more baneful consequences. The rebellion of 1745 introduced a temporary disorder, though there were drawn, from its confusions, measures the most salutary, in respect to industry, and population. “ Let the country gentlemen,” says Corbyn Morris, when speaking on the then mortality of London [March 1750-1], “ be called forth, and declare—Have they not continually felt, for many years past, an increasing want of husbandmen, and day-labourers? Have the farmers throughout the kingdom no just complaints of the *excessive increasing prices of workmen*, and of the impossibility of procuring a sufficient number at any price? ”

Now, admitting the truth of those pregnant affirmations, they may be shown to have been alto-

gether consistent with facts, and with principles. Allowing his *many years* to reach as far back as the demise of George I., it may be asserted, because it has been proved, that our agriculture has been so much improved, as not only to supply domestic wants, but even to furnish other nations with the means of subsistence ; and that every branch of our manufactures had kept pace with the flourishing state of our husbandry. It is surely demonstrable, that it required a greater number of artificers to manufacture commodities, of the value of 11,141,201l., and to navigate 554,713 tons of shipping, in 1748, than to fabricate goods of the value of 7,891,739l., and to navigate 456,483 tons of shipping, in 1728. But, great demand creates a scarcity of all things ; which in the end procures an abundant supply. And, that *the excessive prices of workmen* did in fact produce a sufficient reinforcement of *workmen*, may be inferred from the numbers which, in no long period, were brought into action, by public, and private encouragement.

We see, in familiar life, that when money is expended upon works of uncommon magnitude, in any village, or parish, labourers are always collected, in proportion to the augmentation of employments. Experience shows, that the same increase of the industrious classes never fails to ensue in larger districts ; in a town, a county, or a kingdom, when proportional sums are expended for labour. And it is, in this manner, that manufactures, and trade, every where, augment the numbers

of mankind, by the active expenditure of productive capitals. He, then, who labours to evince, that the lower orders of men decrease, in numbers, while agriculture, the arts (both useful, and ornamental), with commerce, are advancing from inconsiderable beginnings, to unexampled greatness, is only diligent to prove, That *causes do NOT produce their effects*:

As women, who yet apprehend
Some sudden *cause of causeless fear*,
Although that seeming cause take end,
A shaking through their limbs still find.

To those reasons of prosperity, that, having for years existed, had thus produced the most beneficial effects, prior to the peace of Aix-la-Chapelle, new encouragements were immediately added. The reduction of the interest of the national debts, by measures altogether consistent with justice, and public faith, showed not only the flourishing condition of the kingdom, but also tended to make it flourish still more. And there necessarily followed all those salutary consequences, in respect to domestic diligence, and foreign commerce, which, Sir Josiah Child had insisted, a century before, would result from *the lowness of interest*.

An additional incitement was, at the same time, given to the whale-fishery, partly by the naturalization of skilful foreigners, but more by pecuniary bounties. The establishment of the corporation of *The Free British Fishery*, in 1750, must have pro-

moted population, by giving employment to the industrious classes, however unprofitable the project may have been to the undertakers, whose success was, unhappily, so unequal to their good intentions, and unrecompensed expenses. The voluntary society, which was entered into, in 1754, for the *Encouragement of Arts, Manufactures, and Commerce*, must have been attended with still more beneficial effects, by animating the passion for experiment, and urging the spirit of perseverance. And the laws, which were successively enacted, and measures pursued, from 1732 to 1760, for preventing the excessive use of spirituous liquors, must have promoted populousness, by preserving the health, and inciting the diligence, of the lower orders of the people.

Yet, those statutes, salutary as they must have been, did not promote the health, and numbers of the people, in a more eminent degree, than the laws, which were passed, during the same period, for making more easy communications, by the improvement of roads. We may judge of the necessity of those acts of legislation, from the penalties which were annexed to them. Of the founderous condition of the roads of England, while they were amended by [the compulsive labour of the poor, we may judge, indeed, from the wretched state of the ways which, in the present times, are kept in repair, by the ancient mode. Turnpikes, which we saw first introduced, soon after the Restoration, were erected slowly, in opposition to the

prejudices of the people. The act, which, for a time made it felony, at the beginning of the reign of George II., to pull down a toll-gate, was continued, as a perpetual law, before the conclusion of it. Yet, the great roads of England remained almost in their ancient condition, even as late as 1752, and 1754, when the traveller seldom saw a turnpike, for two hundred miles, after leaving the vicinity of London.* And we now know, from experience, how much the making of highways, and bridges, advances the population of any country, by extending correspondence, by facilitating communications, and, consequently, by promoting internal traffic, which was thereby rendered greater than our foreign ; since *the best customers of Britain are the people of Britain* :—

But, if you'll prosper, mark what I advise,
Whom age, and long experience, render wise.

* See the Gentleman's Magazine, 1752—54.

CHAP. VIII.

A captious Peace produced a new War.—The Resources of Britain.—Trade prospers amidst Hostilities.—Its amount at the Peace of 1763.—Remarks.

AFTER a captious peace of very short duration, the flames of war, which, for several years, had burnt unseen among the American woods, broke out at length, in 1755. Unfortunate, as these hostilities were, at the beginning, they yet proved successful, in the end, owing to causes, which it is the province of history to explain:

However fashionable it then was for discontented statesmen to talk, * of the *consuming condition of the country*, it might have been inferred beforehand, that we had prodigious resources, if the ruling powers had been animated by any genius. The defeats, which plainly followed from misconduct, naturally brought talents of every kind into action. And the events of the war of 1756 convinced the world, notwithstanding every *estimate of the manners, and principles, of the times*, that the strength of Great Britain is irresistible, when it is

* See Doddington's Diary, 1755—6—7.

conducted with secrecy, and despatch ; with wisdom, and energy.

When Brackenridge was upbraided by Foster; for making public degrading accounts of our population, at the commencement of the war of 1755, he asked, justly enough, “ *What encouragement can it give to the enemy to know, that we have two millions of fighting men in our British islands?* ” But, we had, assuredly; in our British islands, a million more than Brackenridge; unwillingly, allowed.

The numbers, and spirit, of our people were amply supported by the augmented resources of the nation. The *natural* interest of money, which had been 3 *per cent.* at the beginning of this reign, never rose higher than 3l. 13s. 6d. at the conclusion of it, after an expensive course of eight years hostilities. During the two first years of the war, the ministers borrowed money at 3 *per cent.* But, five millions being lent to the administration, in 1757, the lenders required 4½ *per cent.* And, from the former punctuality of government, and present ease, with which taxes were found to pay the stipulated interest, Great Britain commanded the money of Europe, when the pressures of war obliged France to stop the payment of interest on some of her funded debts.

Meantime, the surpluses of the standing taxes of Great Britain amounted, at the commencement of the war, to one million three hundred thousand pounds, which, after the reduction of the interest

of debts, in 1757, swelled to one million six hundred thousand pounds. And, from this vast current of income, the more scanty streams, which slowly flowed, from new imposts, were continually supplied, during the exigencies of war.

It is the expenses, more than the slaughter, of modern hostilities, which debilitate every community. The whole supplies granted by Parliament, and raised upon the people, during the reign of George II., amounted * to 183,976,624l.

The supplies granted, during the five years of the war, before the decease of that prince, amounted to L. 54,319,325

The supplies voted, during the three first years of his successor, amounted † to 51,437,314

The principal expenses of a war, which, having been undertaken, for the purpose of driving the French from North America, proved unfortunate, in the issue L. 105,756,639

Yet, none of the taxes, that had been established, in order to raise those vast sums, bore heavy on the industrious classes, if we except the additional excise of three shillings a barrel on beer. ‡ And,

* Camp. Pol. Sur. vol. ii. p. 551.

† Id.

‡ That the consumption of the great body of the people, was not lessened, in consequence of the war, we may certainly

whatever burdens may have been imposed, internal industry pursued its occupations, and the enterprise of our traders sent to every quarter of the globe, merchandizes to an extent, which were beyond all former example.

There were exported annually, during the first years of the war, surpluses of our land and labour, to the amount of 11,708,181l.; * which, being sent abroad, from time to time, to different markets, as demand required, might have been all applied, (as some of them undoubtedly were) in paying the

tainly infer from the official details, in the Appendix to the Observations on the State of the Nation.

The average of eight years nett produce of the

duty on soap, &c. ending with 1754	-	-	L. 228,114
Ditto, - - - - ending with 1767	-	-	264,902

Ditto on candles, - ending with 1754	-	-	L. 136,073
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Ditto on ditto, - - ending with 1767	-	-	155,716
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Ditto on hides, - - ending with 1754	-	-	L. 168,200
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Ditto on ditto, - - ending with 1767	-	-	189,216
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As no new duties had been laid on the before-mentioned necessaries of life, the augmentation of the revenue evinces an increase of consumption; consequently of comforts; and consequently of people. In confirmation, let it be considered, also, that the hereditary, and temporary excise produced, according to an eight-years average,

ending with 1754	-	L. 525,917
Ditto - - - - ending with 1767	-	538,542

* There were, moreover, exported from Scotland, according to an average of 1755-6-7; goods to the value of 669,401l.

fleets, and armies, that made conquests, in every quarter of the globe.

The English shipping, which, after exporting that vast cargo, might have been employed by government, as transports, and certainly furnished the fleet with a hardy race, amounted to 609,798 tons ; which must have been navigated, if we allow twelve men to every 200 tons burden, by - - - 36,588 men.

We may determine, with regard to the progress, and magnitude of the royal navy, from the following statement.

Tonnage.	Sailors voted by Parliament.	Their Wages, &c.
In 1749 - 228,215	- 17,000 -	L. 839,800
1754 - 226,246	- 10,000 -	494,000
1760 - 303,416	- 70,000 -	3,458,000

It is the boast of Britain, “ That while other countries suffered innumerable calamities, during that long period of hostilities, this happy island escaped them all ; and cultivated, unmolested, her manufactures, her fisheries, and her commerce, to an amount, which has been the wonder, and envy, of the world.” This flattering picture of Doctor Campbell, will, however, appear to be extremely like the original, from an examination of the subsequent details ; which are more accurate, in their notices, and still more just, in their conclusions. Compare, then, the following averages of our na-

vigation, and traffic, during the subjoined years, both of peace, and of war :

Years.	Ships cleared outwards.			Value of cargoes. £.
	Tons Eng.	Do. foreign.	Total.	
1749				
50	609,798	- 51,380	- 661,184	- 12,599,112
51				
1755				
56	451,254	- 73,456	- 524,710	- 11,708,181
57				
1760	471,241	- 102,737	- 573,978	- 14,694,970
61	508,220	- 117,835	- 626,055	- 14,873,191
62	480,444	- 120,126	- 600,570	- 13,545,171
<hr/>				

Thus, the year 1756 marked the lowest point of the depression of commerce ; whence it gradually rose, till it had gained a superiority over the unexampled traffic of the tranquil years 1749-50-51, if we may judge, from the value of exports ; and almost to an equality, if we draw our inferences, from the tonnage of shipping. The Spanish war of 1762, imposed an additional weight, and we have seen the consequent decline.

When, by the treaty of Paris, entire freedom was again restored to foreign commerce, the traders once more sent out adventures of a still greater amount to every quarter of the world, though the nation was supposed to be strained, by too great an exertion of her powers. The salutary effects of more extensive manufactures, and a larger trade, were instantly seen in the commercial superiority

of the three years, following the pacification of 1763, over those, ensuing the peace of 1748, though these have been celebrated, justly, as times of uncommon prosperity. We shall be fully convinced of this satisfactory truth, if we examine the following proofs :

Years.	Ships cleared Outwards.			Value of Cargoes: L.
	Tons Eng.	Do. foreign.	Total.	
1749	50	609,798 - 51,386 - 661,184	-	12,599,112
51				
1758	389,842	116,002 - 505,844	-	12,618,335
1759	406,335	121,016 - 527,351	-	13,947,788
1764	65	639,872 - 68,136 - 708,008	-	14,925,950
	66	—	—	—

The gross income of the Post-office, foreign and domestic, which, it is said, *can alone demonstrate the extent of our correspondence*, amounted,

In 1754, to - - - L. 210,663

In 1764, to - - - 281,535 *

As illustrative circumstances, it may be stated, that

The number of bankruptcies were,

In 1727 — 446; in 1728 — 388;

In 1737 — 220; in 1738 — 232;

In 1746 — 159; in 1748 — 226;

In 1757 — 274; in 1763 — 233.

* The account of the Post-office revenue is stated, by the Annual Register 1773, much higher, mistakenly.

The foregoing facts throw much additional light upon the commercial affairs of those several years. There was a *run* upon the Bank of England, in 1759 ; owing to the great expenditures abroad, and the uncommon supplies of that year, at home.* During the reign of George II., the nation began to attend, more assiduously, to domestic meliorations, than formerly : We might infer as much, from the following detail. In Queen Anne's reign, there were only two acts of parliament passed, for enclosing 1,439 acres of land ; in George I.'s reign, there were only 16, for enclosing 17,660 acres : But, in George II.'s more extended reign, there were passed 226 acts, for enclosing 318,778 acres of waste, and common lands.

In the midst of that unexampled prosperity, and accumulation of private wealth, Hume talked, in his history, of the *pernicious practice of borrowing on parliamentary security* ; a practice, says he, the more likely to become *pernicious*, the more a nation advances, in *opulence*, and credit ; and now threatens the very existence of the nation. Even the grave Blackstone, who seems to have been infected, by the declamations of the times, wrote of its being indisputably certain, in 1765, that the present magnitude of our national incumbrances, very far exceeds all calculations of com-

* Anderson's Deduction of Commerce, ii. 413, which speaks of an *unusual scarcity* of gold and silver, at that time, in England. The whole *coinage* of this reign amounted only to 11,966,576*l.* Sterling money.

mmercial benefits, and is productive of the greatest inconveniences, by the enormous taxes, that are raised upon the necessities of life, for the payment of the interest of the debt ; and those taxes weaken the internal strength of a state, by anticipating those resources, which should be reserved to defend it, in case of necessity.* Such sentiments, from such men, proceed, partly, from a narrow view of the subject, and, perhaps, more, from well-meaning desires, to do national good, by inciting public apprehensions, with regard to the security of property, and the safety of the state. But,

To laugh, were want of goodness, and of grace ;
And, to be grave, exceeds all power of face.

* Commentaries, vol. i. p. 328, 4th edit.

CHAP. IX.

The Accession of George III.—The Commercial Failures, on the Continent, in 1763.—Opinions thereon.—The true State of the Nation.—Observations on the Peace of 1763.—Various Laws for promoting domestic Improvements.—Satisfactory Proofs of our Commercial Prosperity, at the Epoch of the Colonial Revolt.—Yet were our Trade and Shipping popularly represented as much on the Decline.

THE accession of George III., in October 1760, was at once auspicious to the constitutional rights of the nation ; to her local meliorations ; to her domestic manufactures, and foreign trade ; to the protection of the fine arts, and to the performance of exploratory voyages ; to the diffusion of science, and the protection of learning :

“ When great Augustus made War’s tempest cease,
“ His halcyon days brought forth the Arts of Peace.”

It was at that fortunate epoch, that Great Britain, having carried conquest over the hostile powers of the earth, by her arms, saved Europe from bankruptcy, by the superiority of her opulence, and by the disinterestedness of her spirit. The failures, which happened at Berlin, at Ham-

burgh, and in Holland, during July 1763, owing to the prevalence of depreciated coinage, communicated dismay, and distrust, to every commercial town, on the European continent.* Wealth, it is said, no longer procured credit, nor connexion any more gained confidence: The merchants of Europe remained, for some time, in consternation; because every trader feared for himself, amidst the ruins of the greatest houses. It was at this crisis, that the British traders showed the greatness of their capitals, the extent of their credit, and their disregard of either loss, or gain, while the mercantile world seemed to pass away, as a winter's cloud: They trusted correspondents, whose situations were extremely unstable, to a greater amount, than they had ever ventured to do, in the most prosperous times: And they made vast remittances to those commercial cities, where the deepest distress was supposed to prevail, from the determination of the wealthiest bankers to suspend the payment of their own acceptances. At this crisis, the Bank of England discounted bills of exchange to a great amount, while every bill was suspected, as being of doubtful responsibility. And the British government, with a wise policy, actuated, and supported all. †

* See the despondent letter, from the Bankers of Hamburg to the Bankers of Amsterdam, dated the 4th of August 1763, in the Gentleman's Magazine of this year, p. 422.

† See Considerations on the Trade and Finances of the Kingdom. Yet, there were only, in England, 293 bankruptcies, during 1763; and 301, during 1764. Of bank-

On that proud day, was published, however, “*An alarm to the Stockholders.*” By another writer, the nation was remembered of “*the decrease of the current coin, as a most dangerous circumstance.*” And by an author, still more considerable than either, we were instructed—“ How the abilities of the country were stretched to their utmost extent, and beyond their natural tone, whilst trade suffered, in proportion: For, the price, both of labour and materials, was enhanced by the number, and weight, of the new taxes, and by the extraordinary demand, which the ruin of the French navigation brought on Great Britain; whereby rival nations may be now enabled to undersell us, at foreign markets, and rival us in our own: That both public, and private credit were, at the same time, oppressed by the rapid increase of the national debt, by the scarcity of money, and the high rate of interest, which aggravated every evil, and affected every money transaction.”—Such is the melancholic picture, which was exhibited of our commercial situation, soon after the peace of 1763, by the hand of a master,* who probably meant to sketch a caricature, by a prejudiced pencil, rather than to draw a portrait with a freer hand.

ruptcies, there were, in England, during 1773—562; and during 1793—1304.—Thus, it is by comparison, that we gain accurate knowledge.

* Considerations on the Trade, and Finances, of the Kingdom, p. 3.

If, however, the resources of Britain arise chiefly from the *labour* of Britain, it may be easily shown, that there never existed, in this island, so many *industrious people*, as at the return of peace, in 1763. It is not easy, indeed, to calculate the numbers, who die in the camp, or in battle, more than would otherwise perish, from want, or from vice, in the city, or hamlet. It is some consolation, that the laborious classes are too wealthy, to covet the *pittance* of the soldier ; or too independent, to court the dangers of the sailor. And though the forsaken lover, or the restless vagrant, may look for refuge, in the army, or the fleet, it may admit of some doubt, how far the giving of proper employment to both, may not have freed their parishes, from disquietude, and from crimes : There is, therefore, no room to suppose, that any one left the anvil, or the loom, to follow the *idle trade of war*, during the hostilities of 1756 ; or that there were less private income, and public circulation, after the reestablishment of peace, than at any prior epoch : For, it must, undoubtedly, have required a greater number of artificers to produce merchandizes, for foreign exportation, after feeding and clothing the inhabitants, to the value

of - - - L. 14,694,970 - in 1760,
than it did, to fabricate

the value of - - - 12,699,081 - in 1750.

It must have demanded
a still greater number
of

of hands, to work up
goods, for exportation,
of the value of - L. 16,202,379 - in 1764,
than it did, to manufac-
ture the value of 14,873,191 - in 1761.

A greater number of sea-
men must surely have
been employed to na-
vigate, and repair -
than - - - - -
And a still greater num-
ber, to man, and repair
than . . - - - -

Tons of National
Shipping.

471,241 - in 1760,
451,254 - in 1756.
651,402 - in 1765,
609,798 * in 1750.

* It is acknowledged, that Scotland furnished a greater number of recruits, for the fleets, and armies of Britain, during the war of 1756, than England, considering the smaller number of her fighting men. Yet, by this drain, the industrious classes seem not to have been in the least diminished: For, of linen there were made for sale,

in 1758 - - - - -	10,624,435 yards.
in 1760 - - - - -	11,747,728.

Of the augmentation of the whole products of Scotland, during the war, we may judge from the following detail: The value of the merchandizes exported from Scotland,

in 1756 - - - - -	L. 663,401
60 - - - - -	1,086,205
64 - - - - -	1,243,927

There were exported yearly, of British-manufactured linens,
according

Yet, it must be confessed, that however *the people*, individually, may have been employed, *the state*; corporately, was embarrassed, in no small degree, by the debts, which had been contracted, by a war, glorious, but unprofitable. Upwards of fifty-eight millions had been added to our funded debts, before we began to negotiate for peace, in 1762. When the unfunded debts were, afterwards, brought to account, and assigned an annual interest, from a specific fund, the whole debt, which was incurred by the hostilities of 1756, swelled to 72,111,000l. And when every claim on the public, for the war's expenses, was, honestly, satisfied, the national debt amounted to L. 146,682,844;

which yielded the creditors, to whom it was due, an annuity of - - - - - L. 4,850,821; or about 3l. 6s. 1*1*d. per cent.

according to an average of seven years of peace, from 1749 to 1755	- - - - -	576,373 yards.
Ditto, according to an average of seven years of subsequent war, from 1756 to 1762	- - - - -	1,355,226

Having thus discovered, that the sword had not been put into useful hands, let us take a view of the great woollen manufactories of England, with an aspect to the same exhilarating subject. The value of *woollen goods exported*,

in 1755	- - .	L. 3,575,297
57	- - - - -	4,758,095
58	- - - - -	4,673,462
59	- - - - -	5,352,299
60	- - - - -	5,453,172

Though it is the interest, and not the capital,* that constitutes the real debt of the state, yet this annuity was, doubtless, a heavy incumbrance on the land and labour of this island : And, however

* Writers have been carried of late, by their zeal of patriotism, to demand the payment of the principal of the debt, though the interest be punctually paid ; as if the nature of the contract, between *the individual* and the *state*, had stipulated, for the payment of both. The fact is, that few lenders, since King William's days, have expected repayment of *the capitals*, which they lent to the government. *The stocks*, as the public securities of the British nation are called, may be compared to the money transactions of the Bank of Amsterdam, as they have been explained by Sir James Steuart. No man, who lodges *treasure*, in this Bank, ever expects to see it again : But, he may transfer *the Bank receipt* for it. The Directors of this Bank discovered, from experience, that if the number of *sellers* of those receipts should, at any time, be greater than the *buyers* of them, the value of *actual treasure safely lodged* would depreciate. And it is supposed, that those prudent managers employ brokers, to buy up the Bank receipts, when they begin to fall in their value, from the superabundance of them on 'Change. Apply this rational explanation to the British funds. No creditor of a *funded debt* can ask payment of the principal, at the Treasury ; but, he may dispose of his stock in *the alley*. The principles, which regulate demand and supply, are equally applicable to the British funds, as to *the treasure*, in the Amsterdam Bank. If there be more sellers than buyers, the price of stocks will fall : If there be more buyers than sellers, they will as naturally rise. And the time is now come, when the British government ought to employ every pound, which can possibly be saved, in buying up the *principal* of such public debts as are the most depreciated ; preferring those which pay the least nominal annuity.

burdensome, it was not the only weight that obstructed, in whatever degree, the industrious classes, in adding accumulation to accumulation. The charge of the civil government was then calculated, as an expense to the people, at a million. And the peace establishment, for the army, navy, and miscellaneous services of less amount, though of as much use, was then stated at three millions and a half, without entering into the controversy of that changeful day, whether it was a few pounds more, or a few pounds less. If it astonished Europe, to see Great Britain borrow, in *one* year, twelve millions, and to find taxes to pay the interest of such a loan, amidst hostilities of unbounded expense, it might have given the European world still higher ideas of the resources of Britain, to see her satisfy every claim, and reestablish her financial affairs, in so short a period, after the conclusion of war.

But, the acquisitions of peace proved, unhappily, more embarrassing to the collective mass of an industrious nation, than the imposts, which were constantly collected, for paying the interest of debts, and the charges of the State. The treaty of 1763, retained Canada, Louisiana, and Florida, on the American continent; the Grenades, Tobago, St Vincent, and Dominica, in the West Indies; and Senegal in Africa. Without regarding other objects, here was a wide field opened, for the attention of interest, and for the operations of avarice. Every man, who had credit with the ministers at home, or influence over the

governors in the colonies, ran for the prize of American territory. And some landowners, in Great Britain, of no small importance, neglected the possessions of their fathers, for a portion of wilderness, beyond the Atlantic. This was the spirit, which formerly debilitated Spain, more than the Peruvian mines; because the Spaniards turned their affections, from their country to the Indies. With a similar spirit, millions of productive capital were withdrawn from the agriculture, and manufactures, and trade of Great Britain, to cultivate the ceded islands, in the other hemisphere. Domestic occupations were obstructed, consequently, and circulation was stopped, in proportion to the stocks withdrawn, to the industry enfeebled, and to the ardour, which was turned to less salutary objects.

While the industrious classes of the people were thus, individually, injured in their affairs, the State suffered, equally, in its finances. The new acquisitions required the charge of civil governments, which was provided for, in the annual supplies, and from taxes on the land, and labour, of this Island. To defend those acquisitions, larger, and more expensive military establishments became necessary, though our conquests did not yield a penny, in direct return.* And an additional drain being thus opened, for the circulating money, the opulent men, who generally lend to go-

* There were some small sums brought into the annual supplies, from the sale of lands, in the ceded islands.

vernment, enhanced the price of a commodity, which was thus rendered more valuable, by the incessant demands of adventurers, who offered the usurious interest of the Indies.* The coins did not, consequently, overflow the coffers of the rich; the price of the public funds did not rise, as at the former peace, when no such drain existed; and the government was unable to make bargains, for the public, in 1764, equally advantageous, as at the less splendid epoch of 1749.

In these views of an interesting subject, the true objection to the peace of 1763 was not, that we had *retained too little*, but that we had *retained too much*. Had the French been altogether excluded from the fisheries of Labrador, and Newfoundland, and wholly restored to every conquest, the peace had been, perhaps, more complete. Whether the ministers could have justified such a treaty, within the walls of Parliament, or without, is a consideration personal to them, and is an object, quite distinct, in argument. Unhappy! that a British minister, to defend himself, from clamour, must generally act against the genuine interest of his country.

Fortunate it is however, for Britain, that there is a spirit in her industry, an increase in the accumulations of her industrious classes, and a prudence, in the economy of her individual citizens, which have raised her to greatness, and sustained

* It was a wise policy, therefore, to encourage foreigners to lend money on the security of West-India estates.

her power, notwithstanding the waste of wars, the blunders of treaties, and the tumults in peace. The people prospered at the commencement of the present reign. They prospered still more, when our colonies revolted. And this most energetic nation continues, with augmented powers, to prosper still, notwithstanding every obstruction.

If this marvellous prosperity arise from the consciousness of every one, that *his person is free, and his property safe*, owing to the steady operation of laws, and to the impartial administration of justice, one of the first acts of the present reign, must be allowed to have given additional force to that salutary principle. A young Monarch, with an attachment to freedom, which merits those commendations, that posterity will not withhold, recommended, from the throne, to make the judges' commissions less changeful, and their salaries more beneficial. The Parliament seconded the zeal of their Sovereign, in giving efficacy to a measure, which had an immediate tendency to secure every right of individuals, and to give ardour to all their pursuits. If we continue a brief review of the laws of the present reign, we shall probably find, that, whatever may have been neglected, much has been done, for promoting the prosperity, and populousness, of this Island.

Agriculture ought to be the great object of our care, because it is the broad foundation of every other establishment. Yet, owing in some measure to the scarcity of seasons, but much to the clamour,

of the populace, we departed, at the end of the late reign, from the system which, being formed at the Revolution, is said to have then given verdure to our fields. During every session, from the demise of George II., a law was passed for allowing the importation of salt provisions from Ireland ; for discontinuing the duties on tallow, butter, hogs-lard, and grease, from Ireland ; till, in the progress of our policy, we made those regulations perpetual, which were before only temporary. We prohibited the export of grain, while we admitted the importation of it ; till, in 1773, we settled by a compromise, between the growers, and consumers, a standard of prices, at which both should, in future, be free.* If, by the foregoing measures, the markets were better supplied, the industrious classes must have been more abundantly fed : if prices were forced too low, the farmers, and with them husbandry, must have both equally suffered. A steady market is for the interest of all parties ; and ought, therefore, to be the aim of the legislature. On this principle, the Parliament seems to have acted, when, by repealing the laws against engrossers, it endeavoured, in 1772, to give a free circulation to the trade in corn. On the other hand, various laws were passed, † for preserving timber, and underwood ; for encouraging the culture of shrubs, and trees,

* 10. Geo. III. ch. 39.; 13. Geo. III. ch. 43.

† 6. Geo. III. ch. 36—48; 9. Geo. III. ch. 41.

of roots and plants : And additional laws were passed, for securing the property of the husbandman, in the produce of his fields ; and, consequently, for giving force to his diligence, and extent to his improvements.

The dividing of commons, the enclosing of wastes, the draining of marshes, are all connected with agriculture. Not one law, for any of these valuable ends, was passed, in the warlike reign of King William. During the hostilities of Queen Anne, eight such laws, indeed, were enacted. In the reign of George I., seventeen laws were enacted for the same salutary purposes. In the three-and-thirty years of George II.'s reign, there were passed a hundred and eighty-two laws, with the same wise design. But, during the first fourteen sessions of the present reign, no fewer than seven hundred and two acts of Parliament were obtained, for dividing of commons, enclosing of wastes, and draining of marshes. In this manner, was more useful territory added to the empire, at the expense of individuals, than had been gained, by every war, since the Revolution. In acquiring distant dominions, through conquest, the state is enfeebled, by the charge of their establishments, in peace ; and by the still more enormous debts, incurred in war, for their defence ; In gaining additional lands, by reclaiming the wild, improving the barren, and appropriating the common, you, at once, extend the limits of our Island, and make its soil more productive. Yet,

a certain class of writers have been studious to prove, that, by making the common fields more fruitful, the legislature has impoverished the poor. *

Connected with agriculture, too, is the making of roads. The highways of Britain were not equal, in goodness, to those of foreign countries, when the peace of Aix-la-Chapelle was concluded. From this epoch to the demise of George II., great exertions were certainly used, to supply that inconvenient defect. The first fourteen sessions of the present reign are distinguished, not only for collecting the various road-laws into one act, but for enacting no fewer than four hundred and fifty-two acts for repairing the highways of different districts. If, by this employment of many hands, nothing was added to the extent of our country, every field, and every village, within it, were brought, by a more easy conveyance, nearer to each other.

In the same manner, canals facilitate agriculture, and promote manufactures, by offering a mode of carriage, at once cheaper, and more certain. A very early attention had been paid to the navigation of our rivers : from the *Revolution*, to the demise of George II., many streams had been made navigable. But, a still greater number have

* On the contrary, the Rev. Mr Howlet, who cannot be too much praised, for his researches, on the subject of population, has published a pamphlet, which proves satisfactorily, that *Enclosures* promote the increase of the people.

been rendered more commodious to commerce, in the present reign, exclusive of the yet more valuable improvement of canals. And, during the first fourteen sessions of this reign, nineteen acts were passed, for making artificial navigations, including those stupendous works, the Bridgewater, the Trent, and the Forth, canals ; which, by joining the Eastern and Western seas, and by connecting almost every manufacturing town with the capital, emulate the Roman labours.

In this period, too, many of our harbours were enlarged, secured, and improved : many of our cities, including the metropolis of our empire, and our trade, were paved, cleansed, and lighted. And, without including the bridges, that have been built, and public edifices erected, the foregoing efforts, for domestic improvement, can, with no truth, or propriety, be deemed the works of an inactive age, or of a frivolous people. In the prior reign, POPE cried out :

“ Bid harbours open, public ways extend ;
“ Bid temples, worthier of the God, ascend ;
“ Bid the broad arch the dang’rous flood contain,
“ The mole projected, break the roaring main ;
“ Back to his bounds their subject sea command,
“ And roll obedient rivers through the land.
“ These honours, Peace to happy Britain brings ;
“ These are imperial works, and worthy kings.”

How much has since (1732) been done, needs not be repeated. If, from those important objects, we turn our attention to manufactures, we shall

find many laws enacted, for their encouragement, some with greater efficacy, and some with less. It was a wise policy to procure the *materials* of our manufactures at the cheapest rate. A tax was laid on foreign linens, in order to provide a fund, for raising hemp, and flax at home; while bounties were given on these necessary articles, from our colonies, the bounty on the exportation of hemp was withdrawn. The imposts on foreign linen yarn were withdrawn. Bounties were given on British linen cloth exported; while the making of cambricks was promoted, partly by prohibiting the foreign, and partly by giving fresh incentives, though without success, to the manufacture of cambricks, within our Island. Indigo, cochineal, and logwood, the necessaries of dyers, were allowed to be freely imported. And the duty on oak-bark, when imported, was lowered, in order to accommodate the tanners. It is to be lamented, that the state of the public debts does not admit the abolition of every tax on materials of manufacture, of whatever country: this would be a measure so much wiser, than giving prohibitions against foreign manufactures, which never fail to bring with them the mischiefs of monopoly; a worse commodity, at a higher price:

Such moderation with thy *bounty* join,
That thou may'st nothing give, that is not thine.

The importation of silks, and velvets, of foreign countries was, however, prohibited, while the wages,

and combinations of silk-weavers were restrained, though the price of the goods was not regulated, in favour of the consumers. The workers, in leather, were equally favoured, by similar means. The plate-glass manufacture was encouraged, by erecting a corporation, for carrying it on, with greater energy. The making of utensils, from gold, and silver, was favoured, by appointing wardens, to detect every fraud. And the law, which had been made, during the penury of King William's days, for preventing innkeepers, from using any other plate, than silver spoons, was repealed in 1769, when we had made a very extensive progress, in the acquisition of wealth, and in the taste for enjoying it; when

— — Egypt, with Assyria strove,
In wealth, and luxury.— —

The most ancient staple of this Island was, by prudent regulations, in the fabrics of wool, sent to foreign markets, better in quality, and at a lower price.

General industry was excited, by various means, which probably had their effects. Apprentices, and workers for hire, were placed under the jurisdiction of magistrates, who were empowered to enforce, by correction, the performance of contracts. Sobriety was, at the same time, preserved, by restraining the retail of spirituous liquors. But, above all, that law must have been attended with the most powerful effect, which was made “for

the more effectual preventing of abuses, by persons employed in the manufacture of hats, woollen, linen, fustian, cotton, iron, leather, fur, hemp, flax, mohair, and silk ; for restraining unlawful combinations of every one working in such manufactures; and for the better payment of their wages." This law must be allowed to contain the most powerful incitements of the human heart ; when we consider, too, that the assize of bread was, at the same time, regulated.

If, from a review of manufactures, we inspect our shipping, we shall perceive regulations equally useful. The whale-fisheries of the river St Lawrence, and Greenland, were encouraged by bounties, together with the white herring fishery, along the coasts of our Island. Foreigners were excluded, by additional penalties, from holding shares, in British ships. And oak-timber was preserved, by new laws, for the use of the royal navy. The voyages of discovery, which do so much honour to the present reign, though they did not proceed, from any act of the legislature, may be regarded, as highly beneficial to navigation, whether we consider the improvement of nautical science, or the preservation of the mariner's health.

But, all those encouragements had been given, in vain, had not the course of circulation been kept full, and current, and the coin timefully reformed. New modes were prescribed by Parliament, for the recovery of small debts, in particular districts. Additional remedies were administered, for reco-

vering payment on bills, and other mercantile securities, in Scotland. And the issuing of the notes of bankers was rendered more commodious, and safe. The importation of the light silver coin, of this realm, was prohibited ; and what was of more importance, every tender of British silver coin, in the payment of any sum more than five-and-twenty pounds, otherwise than by weight, at five shillings and twopence per ounce, (*the mint price of silver*), was declared unlawful. This admirable principle, so just in its theory, and so wise in its practice, was, about the same time, applied to the gold coin ; without, however, affecting *bank notes* as *cash*. And the gold coins were recalled, and recoined to an unexpected amount, and ordered to pass current by weight, according to the ancient course, rather than by tale, in conformity to modern practice. This measure, which does equal honour to the contriver, to the adviser, and to the executor, has been attended with the salutary effects, that were foretold, as to our domestic circulation, whatever influence that measure may have had on our foreign trade, and on our *general exchanges* with the commercial world.

The laws, which were thus passed, from the accession of his present Majesty, to the era of the Colonial revolt, had produced the most beneficial effects on our agriculture, and manufactures, on our commerce, and navigation, had not the energetic spirit, that actuated our affairs, at the peace of 1763, continued to animate the industrious

classes, and to accumulate their daily acquisitions. If any one chooses to appeal, from general reasonings, to particular facts, let him examine the following proofs, from the three years average of each period :

Years.	Ships cleared outwards.			Value of Cargoes	
	Tons English.	Do.	Foreign.	Total.	L.
1764					
65	639,872	-	68,136	-	708,008
66					14,925,950

Years.	Ships cleared outwards.			Value of Exports	
	Tons Scottish.	Do.	Foreign.	Total.	L.
1764					
65	75,767.	-	4,587	-	80,354
66					1,196,166
1772					
73	100,290	-	3,106	-	103,396
74					1,515,026

Years.	Ships cleared outwards, from Scotland.			Value of Exports	
	Tons Scottish.	Do.	Foreign.	Total.	L.
1764					
65	75,767.	-	4,587	-	80,354
66					1,196,166
1772					
73	100,290	-	3,106	-	103,396
74					1,515,026

Thus, our navigation had gained, in the intervening period, more than a hundred and fifty thousand tons, a-year ; and our foreign traffic had risen almost a million in annual value. The gross revenue of the post-office, which, arising from a greater, or a less, correspondence, forms, according to Anderson, a *politico-commercial index*, amounted,

in 1764 - to - L. 281,535
in 1774 * - to - 345,321

* But, the franking of letters had been now regulated, and other improvements had been meantime made,

Yet, prosperous as our affairs had been, during the short existence of the peace of 1763, they were represented, by an analogous spirit to that of 1738, either of designing faction, or of uninformed folly, as in an *alarming situation*. The state of things, it was said, is approaching to an awful crisis. The *navigation* and *commerce*, by which we rose to power, and opulence, are much *on the decline*. Our taxes are numerous, and heavy; and provisions are dear. An enormous national debt threatens the ruin of public credit. Luxury has spread its baneful influence, among all ranks of people; yet, luxury is necessary to raise a revenue, to supply the exigencies of the state. Our labouring poor are forced, by hard necessity, to seek that comfortable subsistence, in distant climes, which their industry, at home, cannot procure them. And the mother-country holds the rod over her children, the colonies, and, by her threatening aspect, is likely to drive them to desperate measures : * Thus,—

Th' *alarm-bell* rings, from our Alhambra walls,
And, from the streets, sound drums, and ataballs !

* See Gent. Mag. 1774, p. 313, &c.

C H A P. X.

The Colonial Revolt.—The State of the Nation.—Her Finances, Trade, and Shipping.—Her Military Power.—The Losses of Trade from the War.—The Revival of Trade on the Re-establishment of Peace.—Remarks thereon.—Financial Operations.—The Sinking Fund established.—Its salutary Policy.

WHEN, owing to the native habits, and "acquired confidence of her colonies ; to the ancient neglects and continued indulgence, of Britain ; to the incitements of party-men, and to the imbecility of rulers ; the nation found herself, at length, obliged to enter into a serious contest with her trans-atlantic provinces, she happily enjoyed all the advantages of a busy manufacture, of a vigorous commerce, of a most extensive navigation, and of a productive revenue. Of these animating truths, we shall receive sufficient conviction, by examining the following particulars.

After liquidating every claim, subsequent to the peace of 1763, and funding every debt, by assigning an half-yearly interest, for every principal, the public enjoyed an annual surplus, from the public imposts, of two millions two hundred thousand

pounds, in 1764. From 1765 to 1770, this sinking fund accumulated to 2,266,246l. And from 1770 to 1775, the surpluses of all our taxes amounted, annually, to the vast sum of 2,651,455l. ; which having risen, in 1775, and 1776, to three millions and upwards, proved a never-failing resource, amid the financial embarrassments of the ensuing war. Those facts alone furnish the most satisfactory evidence of the great consumption of the collective mass of the people, and of their ability to consume, from their active labours, and accumulating opulence.

Yet, during the prosperous period of the peace, there were only discharged of the capital of the national debt - - - - L. 10,739,793.

And there remained, notwithstanding every diminution, when the war of the colonies began, in 1775, a national debt of - - L. 135,943,051;

Whereon was paid to the public creditors an annuity of - - L. 4,440,821 ; or 3l. 5s. 5 *$\frac{1}{4}$* d. per cent.

The price of the stock of the Bank of England rose, meanwhile, from 113 per cent. in July 1764, to 143 per cent. in July 1774 ; and discounts on the bills of the navy fell, from 6 *$\frac{1}{2}$* per cent. at the first epoch, to 1 *$\frac{1}{2}$* at the second. Yet, the reform of the coin produced no perceptible difference, in the nominal exchanges ; which are influenced, by much more powerful causes. In fact, the ex-

changes were in favour of Britain, before this operation began, and before hostilities commenced; owing to the flourishing state of our trade, and the advantageous course of our general payments.* And the price of bullion fell; because the supply was superior to the demand. From the foregoing notices, an able statesman might have inferred, beforehand, that Great Britain never possessed such resources, for a vigorous war. And this truth may be asserted, without fear of contradiction, and without appealing to the immensity of subsequent supplies, for unanswerable proofs of *the fact.*

The surplus produce of the land, and labour, of England alone, which, being exported to foreign countries, might have been applied, according to the course of commerce, to the uses of war, amounted to 15,613,003*l.*, if we may judge, from an average of the years 1772—3—4.†

The English shipping, which were chiefly employed, in exporting this immense cargo, and which were easily converted into transports, to

* The exchange, with Hamburg, was more, in favour of Britain, from March to July 1773, before the recoinage began, than it was from August to December 1773, and throughout the three following years. See my *Considerations on Commerce, Bullion, and Coin, &c.* p. 93—4.

† There was moreover sent by sea from Scotland, at the same time, an annual cargo, of the value of 1,515,026*l.*, if we may believe the Customhouse books.

armed ships, and to privateers, amounted annually to 799,341 tons : Add to these, the Scottish shipping, which cleared outwards, amounting, on an average of the same three years, to 100,290 tons : And this extensive nursery furnished the royal navy with mariners of unequalled skill, and bravery, during a naval war, in the last year of which, the Parliament voted a hundred and ten thousand seamen.

We may calculate, from the continual progress in population, arising from additional employments, that there were in this island, at the epoch of the colonial revolt, full 2,350,000 fighting men ; which, if multiplied by 4 $\frac{1}{2}$, would show the whole population to have been 10,575,000, at that epoch.

By examining the following details, we shall acquire ideas sufficiently precise of the royal navy, both before, and after, the war of the colonies began :—

The royal fleet carried, in 1754 — 226,246 tons.
in 1760 — 300,416
in 1774 — 276,046.

Of the King's ships, existing in 1774, several were found, on the day of trial, unfit for actual service. By an effort, however, which Britain

alone could have made, there were added to the royal navy, during six years of war, from 1775 to 1781 :—

	Vessels.	Guns.	Tons.
Of the line, with fifties,	44 carrying	3,002 and	56,144
Twenties to forty-fours,	110 —	3,331 —	53,350
Sloops, - - - , -	160 —	2,555 —	37,160
	—	—	—
	314	8,888	146,654
	—	—	—

By a similar effort, during six years of the Revolution-war, England was only able to add to her naval force 11,368 tons. And thus, was there a greater fleet fitted out, during the uncommon embarrassments of the Colony-war, than King William, or Queen Anne, or even than King George I., perhaps, ever possessed. Of those ships we were, unhappily, deprived of several, either by the misfortunes incident to navigation, or by the good fortune of our enemies. Yet, we had in commission, in January 1783, a fleet, the power of which will be most clearly perceived, from the following detail,* and from the fact,

* The above statement, though in a different form, was officially laid before the House of Commons, at the debate on the peace. Besides the ships, in the list of the Navy-board, there were seventeen, from 60 to 98 guns, ready to be commissioned. Steel states, in his Naval Chronology, the force of the fleets of Great Britain, France, Spain, and Holland, at the end of the war, as under:

that there were voted, for the service of this year, a hundred and ten thousand seamen.

Ships.	Guns.	Men.
20 of - 80 to 108	- carrying	15,372
44 of - " - 74	- - - - -	26,112
45 of - 60 to 68	- - - - -	24,320
18 of - - - 50	- - - - -	5,468
64 Frigates above 30	- - - - -	13,765
51 Ditto under 30	- - - - -	8,581
110 Sloops of - 18, and under,	11,360	
15 Fire ships and bombs.		
26 Armed ships, hired.		

393 - Navigated by - - - - 104,978

Such was the naval force of Great Britain, which, after a violent struggle, broke, in the end,

	Of the line.	Guns.
British ships - - - - -	145 carrying	10,132
Deduct those wanting repairs	28 —	1,948
British effective - - - - -	<u>117</u> —	<u>8,184</u>
French - - - - -	82 —	5,848
Spanish - - - - -	67 —	4,720
Dutch - - - - -	33 —	2,006
	<u>182</u> —	<u>12,574</u>
Deduct those wanting repairs	<u>49</u> —	<u>2,928</u>
More than Great Britain - - -	<u>16</u> —	<u>1,462</u>

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the conjoined fleets of France, Spain, and Holland. The privateers of Liverpool, which have been already stated, alone formed a greater fleet, than the armed colonies were ever able to equip. Owing to what fatality, or to what cause, it was, that the vast strength of Britain did not beat down the colonial insurgents, not in one campaign, but in three, it is the business of History to explain, with narrative elegance, and profound remark.

It is now time, to inquire into the losses of our trade, from the war of those colonies, which had been planted, and nursed, with a mother's care, for the exclusive benefit of our native commerce.

If it was not much interrupted, by the privateers of the malecontents, we lost whole mercantile fleets to our enemies. And it must be admitted, that in the course of no war, since that of the Revolution, were our shipping so much deranged, or our traffic so far driven, from its usual channels. But, we shall see the precise state of both, by attending to the following details :

	Years.	Ships cleared outwards.	Value of Cargoes.		
		Tons Eng.	Do.	Foreign.	Total.
In the peaceful	1772				L.
	73	799,341	-	63,337	-
	74			862,678	-
					15,613,003
American war	1775				
	76	765,669	-	78,251	-
	77			843,920	-
					13,861,826
French war	- 1778	655,086	-	89,385	-
Spanish war	- 1779	572,279	-	137,993	-
	1780	662,025	-	145,268	-
Dutch war	- 1781	547,953	-	163,410	-
	1782	552,851	-	208,511	-
					711,363 -
					10,579,187
					12,363,682

Add to the above the shipping of Scotland :

	Years.	Ships cleared outwards.			Value of Cargoes.	
		Tons Eng.	Do. foreign.	Total.	L.	
In the peaceful	{ 1772 }					
	{ 1773 }	100,290	- 3,106	103,396	-	1,315,026
	{ 1774 }					
American war	{ 1775 }					
	{ 1776 }	94,916	- 3,414	98,330	-	995,872
	{ 1777 }					
French war	- 1778	76,472	- 4,393	80,865	-	702,820
Spanish war	- 1779	70,684	- 11,047	81,731	-	837,273
	1780	69,261	- 8,843	78,104	-	981,199
Dutch war	- 1781	60,266	- 7,365	67,631	-	763,109
	1782	62,299	- 16,945	79,244	-	653,709
	—	—	—	—	—	—

If we review this satisfactory evidence, we shall probably find, that there were employed yearly, when the Colony-war began, one hundred and eighty-four thousand tons of British shipping, more than had been thus employed, during the prosperous years 1764—5—6; and that we, annually, exported of merchandizes, in the first-mentioned period, more than in the last, more than a million in value : That the colonial contest little affected our foreign commerce, if we may judge from the decreased state of our shipping ; * but, if we draw our inference, from the diminished value of exported cargoes, we seem to have lost 1,751,190l. a year ; which formed, perhaps, the real amount of the usual export to the discontented provinces : And, the inconsiderable decrease

* There were entered inwards of ships belonging to the revolted colonies, 34,587 tons, according to an average of the years 1771—2—3—4.

in the numbers of our outward shipping, with the fall, in the value of manufactures, whereof their cargoes consisted, justified a shrewd remark of Lord Auckland, "that, in the latter period it may be doubted, whether the dexterity of exporters, which, in times of regular trade, occasions ostentatious entries, may not, in many instances, have operated to under-valuation." It was the alarm, which was created, by the interference of France, that first interrupted our general commerce, though our navigation, and trade, in 1778, were still a good deal more, than the average of both, in 1755—6—7. The prosperity of our foreign traffic, during the war of 1756, at least from the year 1758, is a fact, in our commercial annals, which has excited the amazement of the world. Yet, let us fairly contrast both our shipping, and our trade, great as they were, assuredly, during the first period, and little as they have been supposed to be, during the last :

Years.	Ships cleared outwards.			Value of cargoes. £.
	Tons Eng.	Do. foreign.	Total.	
1758	389,842	- 116,002	- 505,844	- 12,618,335
1778	656,086	- 89,385	- 745,471	- 11,551,075
—	—	—	—	—
1759	406,335	- 121,016	- 527,351	- 13,947,788
1779	572,279	- 137,993	- 710,272	- 12,352,052
—	—	—	—	—
1760	471,241	- 102,737	- 573,978	- 14,694,970
1780	662,025	- 145,268	- 807,293	- 11,667,417
—	—	—	—	—

Years.	Ships cleared outwards.			Value of Cargoes. L.
	Tons Eng.	Do. foreign.	Total.	
1761	508,220	- 117,835	- 626,055	- 14,873,191
1781	547,953	- 163,410	- 711,363	- 10,579,187
—	—	—	—	—
1762	480,444	- 120,126	- 600,570	- 13,545,171
1782	552,851	- 208,511	- 761,362	- 12,363,682
—	—	—	—	—

Add to the above the shipping of Scotland:

Years.	Ships cleared outwards.			Value of Cargoes. L.
	Tons English.	Do. foreign.	Total.	
1758	- 53,000	- 3,250	- 56,250	- 831,257
1778	- 76,472	- 4,393	- 80,865	- 702,820
—	—	—	—	—
1759	- 60,260	- 3,400	- 63,660	- 940,804
1779	- 70,684	- 11,047	- 81,731	- 837,273
—	—	—	—	—
1760	- 69,000	- 4,500	- 73,500	- 1,086,205
1780	- 69,261	- 8,843	- 78,104	- 981,199
—	—	—	—	—
1761	- 73,800	- 4,900	- 78,700	- 1,165,722
1781	- 60,266	- 7,365	- 67,631	- 763,109
—	—	—	—	—
1762	- 63,000	- 4,800	- 67,800	- 998,165
1782	- 62,299	- 16,945	- 79,244	- 653,709
—	—	—	—	—

What had occurred, from the interruptions of all our foregoing wars, equally occurred, from the still greater embarrassments of the Colonial war. Temporary defalcations were, in the same manner,

said to be infallible symptoms of a fatal decline. In the course of former hostilities, we have seen our navigation, and commerce, pressed down to a certain point, whence both gradually rose, even before the return of peace removed the incumbent pressure. All this, an accurate eye may perceive, amid the commercial distresses of the last war. There was an evident tendency, in our traffic, to rise, in 1779, till the Spanish war imposed an additional burden. There was a similar tendency, in 1780, till the Dutch war added, in 1781, no inconsiderable weight. And the year 1781, accordingly, marks the lowest degree of depression, both of our navigation, and our commerce, during the war of our colonies. But, with the same vigorous spirit, they both equally rose, in 1782, as they had risen, in former wars, to a superiority over our navigation, and commerce, during the year, whereina hostilities, with France, began.

We have beheld, too, on the return of complete peace, the spring of our traffic rebound with mighty force. A considerate eye may see this, in 1783, and 1784, though the burdens of war were then removed, with a much more tardy hand, than in 1763, and 1764. Twenty years before, the preliminaries of peace were settled, in November 1762, and the definitive treaty with France and Spain was signed, on the tenth of February thereafter: so that complete tranquillity was restored, early in 1763. But, owing to the greater number, and variety, of belligerent powers, the last peace

was fully established, by much slower steps. The provisional articles were settled with the separated colonies, in November 1782. The preliminaries with France and Spain were adjusted, in January 1783. The definitive treaty with both, and with the United States of America, was signed on the third of September 1783. Though an armistice was agreed on, with Holland, in February 1783, preliminaries were not settled till September thereafter, and the definitive treaty was not signed till the twenty-fourth of May 1784. And with Tip-poo Saib, who was no mean antagonist, peace was not concluded till March 1784. It was not, however, till July 1784, that we offered thanks to the Almighty, for restoring to an harassed, though not an exhausted nation, the greatest blessing, which the Almighty can bestow.

To those dates, and to this fact, we must carefully attend, in forming comparative estimates of our navigation and commerce, of the price of the public stocks, or of the progress of our financial operations. With those recollections, constantly, in our mind, we shall be able to make some accurate reflections, from the following details :

Epocha.	Ships cleared outwards.			Value of cargoes.
	Tons English.	Do. Foreign.	Total.	L.
1749				
50	609,798	- 51,386	- 661,184	- 12,599,112
51				
1764				
65	639,872	- 68,136	- 708,008	- 14,925,950
66				

170 AN ESTIMATE OF THE STRENGTH [Ch. 10. from 1775]

Epochs.	Ships cleared Outwards.			Value of Cargoes.	
	Tons Eng.	Do. foreign.	Total.	L.	
1772					
73	799,341	- 63,337	- 862,678	- 15,613,003	
74					
1783	783,126	- 159,797	- 942,923	- 14,638,463	
84	846,355	- 113,064	- 959,419	- 14,804,162	
85	951,855	- 103,398	- 1,055,253	- 15,110,014	

Add to the above the shipping of Scotland :

Epochs.	Ships cleared outwards.			Value of Cargoes.	
	Tons Eng.	Do. foreign.	Total.	L.	
1764					
65	75,767	- 4,587	- 80,354	- 1,196,166	
66					
1772					
73	100,290	- 3,106	- 103,396	- 1,515,026	
74					
1783	83,841	- 11,141	- 94,982	- 829,824	
1784	85,864	- 5,204	- 91,068	- 929,900	
1785	123,007	- 4,086	- 127,093	- 1,007,635	

If we examine the subjoined state of the Post-office revenue, we shall find supplemental proofs of increasing prosperity. The gross income of the posts amounted, in the year, ending

the 25 March 1755, to	- L. 210,663
— 5 April 1765, to	- 281,535
— 5 April 1775, to	- 345,321
— 5 April 1784, to	- 420,101
— 5 April 1785, to	- 463,753

The foregoing statements will surely furnish every honest mind with comfortable thoughts. From those accurate details, we perceive, with sufficient conviction, how superior both our navigation, and our commerce, were, in 1783, and 1784, when peace had scarcely returned, to the extent of both, after the treaty of Aix-la-Chapelle, an epoch of boasted prosperity. We employed, in our traffic, during the year 1784, THREE HUNDRED THOUSAND TONS more than we employed, according to the average of 1749—50—51, *exclusive of the shipping of Scotland*, to no small amount. Of British ships, we happily employed, in 1784, TWO HUNDRED THOUSAND TONS more than our navigation employed, in 1764, though the vessels of our revolted colonies, amounting, yearly, to 35,000 tons, had been justly excluded from our traffic, in the last period, but not, in the first: The value of exported cargoes, from *England*, was, at both epochs, nearly equal; though 1784 can scarcely be called a complete year of peace, and every industrious people had been admitted, within the circle of a commerce, which we had almost ruined *the state* to make exclusively ours. The value of our exportations, in 1784, was not indeed equal to the amount of our exports in 1764, but they were superior to the value of exported cargoes in 1766, 1767, and 1769.* If we compare 1784, when we had hardly recovered,

* See the Chronological Table for a proof of the fact.

from a war, which had been avowedly carried on against commerce, with 1774, when we had enjoyed uncommon prosperity, during several years of peace, we shall see no cause of apprehension, but many reasons of hope: The number of British ships was much inferior, in 1774, to what they were in 1784, after we had wisely excluded the American vessels, from the protection of the British flag, of which the revolted colonists had shown themselves unworthy. The value of cargoes, which were exported, at both those periods, are so nearly equal, as not to merit much consideration, far less to excite our fears.

Yet, the government was, about the same time, assuredly, told, that, unless the American shipping were allowed to be our carriers, our traffic must stop, for want of transports: And the nation, for years, had been factiously informed, that the independence of the malecontent colonies must prove, at once the destruction of our commerce, and the downfall of our power.

It was the prevalence of this sentiment, that chiefly generated the Colony-war, which was productive of so many evils, and which, like the other evils of life, have brought with them a happy portion of good. Yet, the fallacy of this sentiment had been previously shown, from the deductions of reason; and the effects of the absolute independence of our trans-atlantic provinces, had been clearly foretold, from the experience of the past. Time has at length decided the fact: For, by com-

paring the exports to the *discontented colonies*, before the war began, with the exports to the *United States*, after the admission of their independence, it will appear, from the following detail, that we now supply them, with manufactures, to a greater amount, than even, in the most prosperous times: Thus, according to the average of

	Exports.	Imports.	Fav. Balance.
	L.	L.	L.
In 1771 }			
72 } there were 3,064,843 - 1,322,532 - 1,742,311 ;			
73 }			
In 1784, there were 3,397,500* - 749,329 - 2,648,171.			

Yet, the exportations of the years 1771—2—3 were beyond example great, because the colonists were even then preparing, for subsequent events, and the exporters were induced, to make their entries, at the custom-house, partly by their vanity, perhaps, as much as by their factiousness. We may reasonably hope, then, to hear no more of our having lost the American commerce, by the independence of the United States. From the epoch, that we have met industrious competitors, in their ports, we have had too much reason to complain of having rather traded too much, with a people, who affect to be great traders, without having great capitals.

Connected with the American trade is the Newfoundland fishery. Of this the late Dr Price as-

* From the Customhouse books.

serted, in his usual style of despondency, that we seem to have totally lost it. The subjoined detail, by establishing some authentic facts, will give rise, however, to more animating conclusions. Contrast the Newfoundland fishery, as it was annually stated, subsequent to the peace of 1763, by Admiral Palliser, and as it was equally represented, after the peace of 1783, by Admiral Campbell :

COMPARATIVE STATE OF THE NEWFOUNDLAND FISHERY.

	In 1764 - 1784	—	1765 - 1785	
There were British fishing ships -	141 -	236 —	277 -	293
British trading ships -	97 -	60 —	116 -	85
Colony ships - - - -	205 -	58 —	104 -	58
Tonnage of British fishing ships -	14,819 -	22,535 —	17,368 -	36,528
of British trading ships -	11,924 -	6,297 —	14,353 -	9,202
of Colony ships - - - -	13,837 -	4,202 —	6,927 -	6,260
Quintals of fish carried to foreign markets - - - -	$\{ 470,188 - 497,884$		$— 493,654 - 591,276$	

Thus, by excluding the fishers of the revolted colonies, we enjoy, at present, a more extensive fishery, for the mariners of Great Britain, who, being subject to our influence, or our power, may easily be brought into action; when their efficacious aid becomes the most necessary, in war. From those colonies, a hundred and fifteen sloops, and schooners, used, annually, to bring cargoes of rum, molasses, bread, flour, and other provisions, to Newfoundland, for which the colonists were

paid in bills of exchange on Britain.* To acquire this traffic, for British merchants, is alone a considerable advantage, which we derive, from the independence of the United States. About twelve hundred sailors were accustomed to emigrate, every season, from Newfoundland to the separated colonies; where, whatever they might gain, their usefulness to Britain was lost. This drain, which is now shut up, is perhaps a still greater benefit.

Our Greenland fishery, which gives employment to so many useful people, both by land, and sea, has been equally promoted, by the absolute independence of the United States; as their oil, and other marine productions, no longer enter into competition, with our own. Thus, there sailed to the Greenland seas,

	Years. Ships.	Years. Ships.
From England in 1772 - 50 — in 1782 -	38	
1773 - 55 —	1783 - 47	
1774 - 65 —	1784 - 89	
1775 - 96 —	1785 - 140	
From Scotland —	1785 - 13	
	From both —	153

From this accurate detail, we perceive, then, how much this important fishery, which had been heretofore depressed, by various competitors, †.

* Admiral Palliser's official report.

† The British fishery to Greenland has gained a manifest superiority over that of the Dutch, which was once so considerable.

flourishes, at present, while we have additionally acquired the whale fishery to the Southern Seas.

Yet, the malecontent colonists, who had long been the active competitors of their fellow-subjects, in Great Britain, were accustomed to think that this island could not exist, without the gains of their commerce. Foreign powers equally thought that, they could ruin the affairs of Great Britain, by contributing to their independence. And, to this source alone may be traced up one of the chief causes of the Colony-war, and of the interference of foreigners. But, were we to search the annals of mankind, we should not find an example of hostilities, which being commenced, in opposition to the genuine interest of the belligerent parties, were continued, for years, in contradiction to common sense.

The leaders of the malecontents seem, at length, disposed to admit, that being hurried on, by passion, they sacrificed their commerce, and their happiness, to factious prejudices, and to unmeaning words. Had they been sufficiently acquainted, with their own interests, and governed, by any prudence, they might, before the war began, have retained a participation in British pri-

siderable. In 1781 and 1782 the Dutch sent no ships to the Greenland seas :

And, in 1783 only 55 ships.

in 1784 - 59

in 1785 - 65

—

vileges, and the protection of British power, by verbally admitting, that they were the fellow-subjects of the British people, without being really incumbered with any burden. And they might have thereby gained the late situation of Ireland, with the invaluable participations of Ireland ; which, to estimate justly, we ought to suppose only retracted, for a season, or even lost, for a day.

It is, indeed, fortunate for us, that the French were so much blinded, by the splendour, of giving independence to the British colonies, as not to see distinctly, how much their interposition, and their aid, promoted the real advantage of Great Britain. When the Colony-war began, the true interest of France consisted, in protracting the entanglements, which necessarily resulted from the virtual dependence of thirteen distant communities, claiming separate, and sovereign rights ; and which had continued, to enfeeble the British government, by their pretensions, their clamours, and their opposition, till the dissatisfied provincials had, in the fulness of time, separated themselves, without any effort, on their part, or any struggle, on the side of Great Britain. From those embarrassments, the French have, however, freed, by their impolicy, the rival nation. And they have even conferred on the people, whom they wished to depress, actual strength, by restoring, unconsciously, the shipbuilding, the freights, and the fisheries ; of which the colonists had too much partaken ; and which, with other facilities, have

resulted to the mother-country, from the absolute independence of the American States.

Spain, perhaps, as little attended to her genuine interests, when she lent her aid to the associated powers, which enabled the revolted colonies, to take their free, and equal station, among the sovereign nations of the earth. She might have trusted, to the hopes, and fears, of a British Minister, for the security of her transatlantic empire. But, within the American States, where can she place her trust? The citizens of those States have already, with their usual enterprize, penetrated to the banks of the Mississippi. And, this active people even now bound on Louisiana, and Mexico; and may even now, by intrigue, or force, shake the fidelity, or acquire the opulence, of those extensive territories.

When the Dutch, by departing from their usual caution, interposed in the quarrel, every intelligent European perceived, that the discontented colonies must necessarily be independent. And it was equally apparent, that every advantage of their traffic must have been soon acquired, by the more industrious nations, without the risk of unneighbourly interference, and still more, without the cost of actual hostilities.

When all parties became at length weary of a war, which had thus been carried on contrary to their genuine interests, a peace was made. Whatever advantages of commerce, or of revenue, may have resulted from this memorable event to the other belligerent powers, certain it is, that though

Great Britain contracted vast debts, and lost many lives, in the contest, she derived from the independence of the American States many benefits, exclusive of domestic quiet, the greatest of all benefits.

Had Great Britain, like Spain, received any public revenue from her transatlantic territories, she had doubtless lost this income, by the independence of her Colonies. If Great Britain has thereby lost sovereignty, without jurisdiction, she has freed herself, from the charges of protecting an extensive coast, without deducting any thing, from her naval strength; since the colony sailors were protected, by positive statute, from being forced into the public service.* While this nation has saved the annual expense of great military, and civil establishments, it can hardly be said, to have lost any commercial profits. And, by excluding the citizens of the United States, from their accustomed participation, in the gainful business of shipbuilding, of freights, and of fishery, Great Britain has, in fact, made considerable additions to her naval power. Thus, the means, which were used, to enfeeble this country, have actually augmented its strength, whatever may have been the fate of the other belligerent parties.

It must be admitted, however, that the British government contracted immense debts, by carrying on the late most expensive war. When those

* The 6th Anne, which had conferred the above-mentioned exemption, was indeed repealed at the commencement of the war, by the 15th Geo. III. ch. 31. § 19.

engagements were brought to account, in October 1783, the whole debts, payable at the Exchequer, amounted to 212,302,429l. capital ; whereon were paid 8,012,061l., as interest, and charges of management.* For the payment of this annuity, the Legislature had provided funds, which, it must be allowed, did not produce a revenue, that was equal to previous expectation, or to subsequent necessity. And, burdensome as those debts, undoubtedly, were, they had little embarrassed general circulation, had this principle, and this annuity, formed the only claims on the public, which had arisen from the Colony-war.

But, every war leaves many unliquidated claims, which are the more distressful to individuals, and the State, as those unfunded debts float in the stock-market at great discount ; as they depreciate the value of all public securities ; and as, from those circumstances, they obstruct the financial operations of government, and prevent private persons, from borrowing, for the most useful purposes of productive industry. Of such unfunded debts, there floated in the market, in October 1783, no less than 18,856,542l. ; of which, 15,694,112l. were so far liquidated as to carry an interest, that continually augmented the capitals, exclusive of other claims, which were equally cogent, but of less amount.

The public securities, which always rise in value, on the return of peace, gradually fell, when those

* The Exchequer account, as published by the Commissioners of Public Accounts.

vast debts were exposed to the world, in exaggerated figures; when the stockholders were terrified, by declamations on the defects of their security, which is, in fact, equal to the stability of the British State; and when all claimants on the public were daily assured of a truth, which had then too much existence, that the annual income of the public was not equal to the annual expenditure. In October 1783, there was a *run* upon *the Bank*, which drained its *cash* of vast sums. The late Earl of Stair was the writer, who most industriously laid such considerations before the world. "If the premises are just," said he, "or nearly just, and nothing effectual is done to prevent their consequences, the inevitable conclusion is, that *the State* is a *bankrupt*, and those, who have entrusted their all to the public faith, are in imminent danger of becoming (I die pronouncing it) *beggars*." * Thus,

— The wasp the hive *alarms*,
With louder hums, and with unequal arms,

The nation was mortified, at the same time, by the events of a war, the mismanagements, and expenses, of which had made peace, absolutely, necessary. And the government was at once enfee-

* An Argument to prove, that it is the indispensable duty of the Creditors of the Public, to insist, that Government do forthwith bring forward the Consideration of the State of the Nation. By John, Earl of Stair, 1783. But, Mr Pitt proposed, and the Parliament adopted, the measure of imposing a million of new taxes, a-year, which completely reestablished private, and public credit.

perpetual
bled, by distractions, and unhinged, by the competitions of the great, for preeminence, and power.

It was at this crisis of unusual difficulty, that Mr Pitt was called into office, nearly as much by the suffrages of his country, as by the appointment of his Sovereign.

Were we to institute a comparison of the state of the nation, in 1764, and 1765, with the financial operations, in 1784, and 1785, we should be enabled to form a proper judgment, not only of the incumbrances, and resources, of the British government, but of the measures, which were at both those periods adopted, for discharging our debts, by applying our means.

The war of 1756 augmented the public debt to the amount of - - - - - L. 72,111,004

The war of 1775 to - - - L. 110,279,341

In 1764, the *unfunded* debts, including German claims, the navy, and ordnance debt, army extraordinaries, deficiencies of grants, exchequer bills, and a few smaller articles, amounted to - - - - - L. 9,975,018.

In 1784, the *unfunded* debts, including every article of the same kind, amounted to - - - - - L. 24,585,157

The navy bills sold, in 1764, at 9*per cent.* discount; in 1784, at 20*per cent.* The value of 3*per cent.* consolidated stocks, from which the most accurate judgment of all stocks may be formed, was, in 1764, at 86*per cent.*; but, in 1784, the value may be calculated at 54*per cent.* In the first period, our

agriculture, and manufactures, our commerce, and navigation, were said to be, in the most prosperous condition; in the last, to be almost undone.

With the foregoing *data* before us, we shall be able, without any minute calculations, or tedious inquiry, to form an adequate judgment of the resources of the nation, and of the conduct of ministers, in applying those resources to the public service, at the conclusion of the two wars of 1756, and 1775:

In 1764—65, there were paid off, and provided for, * - - - - L. 6,192,159;
In 1784—85 - - - - + 28,139,448.

There remained unprovided for,

	in 1765, —	in 1785,
German claims -	L. 156,044	— L.
Navy debt - - -	2,426,915	—
Exchequer bills -	<u>1,800,000</u>	<u>4,500,000</u>
Total in both	L. 4,382,959*	— L. 4,500,000

* Consid. on Trade and Finances, p. 41.

+ The following are the particulars, from the annual grants, and appropriation acts:

The debts, which were funded, in 1784, - L. 6,879,342.
The debts paid off, and otherwise provided for,

in 1784, - - - - - - - - - - - 5,728,615.

The debts funded, in 1785, - - - - - 10,990,651.

The debts paid off, and otherwise provided for,
in 1785, - - - - - - - - - - - 4,540,840.

The total of the debts paid off, funded, and otherwise provided for, in 1784—85 - L. 28,139,448.

But,

But, let us carry this comparison one step farther: There were paid off, and provided for, (as we have seen,) in 1764 and 1765, of unfunded debts, - - - - - L. 6,192,159. There were, afterwards, paid off, before 1776, - - - - - 10,739,793.

The total paid off, in eleven years L. 16,931,954.
There were paid off, and provided for,
in the two years, 1784—85, - 28,139,448.

Yet, from this last sum must be deducted the 4,500,000l. of Exchequer bills, which, being continued, at the end of 1785, were either circulated by the Bank; or were, in the course of public business, locked up, in the Exchequer. Those bills, indeed, that passed into circulation, were of real use to the Bank, and to individuals, without depreciating funded property, as they continually passed, from hand to hand, at a premium.

There was no purpose, when the foregoing comparisons were instituted, of exalting the character of one minister, over another, for wisdom, and energy, by the degradation of any of their predecessors, for inanity of purpose, and inefficiency of performance. The able men, who managed the national finances, from 1763 to 1776, acted, like all former statesmen, from the circumstances, wherein they were placed, and probably made as great exertions, in discharging the national debts, as the spirit of the times admitted. Greater efforts

have, since the last peace, been made ; because every wise man declared, that there was no other effectual mode of securing all, that the nation holds dear, than by making the public income larger, than the public expenditure. The before-mentioned operations of finance, in 1784 and 1785, it had been impossible to perform, without imposing many taxes, which all parties demanded, as necessary. Were any defence required for a conduct, which, if the faithful discharge of duty, at no small risk of personal credit, be laudable, merits the greatest praise, the previous necessity would furnish ample justification.

What had occurred, at the conclusion of every war, since the Revolution, happened, in a still greater degree, since the re-establishment of the peace of 1783. Let us make haste to lighten the public debts, which so much enfeeble the State, and embarrass individuals, was the universal cry. It was the judgment of the wisest men, that, considering the magnitude of the national incumbrances, those debts could neither be paid off, nor greatly lessened, except by a sinking fund, which should be, invariably, applied to this most useful purpose. And, great as the national debts were, amounting to 239,154,880l. principal, which, for interest, and charges of management, required an annuity of 9,275.769l., after all the financial operations of 1784 and 1785, a sinking fund of a million was said to be, fully, sufficient, if sagaciously applied ; as the productive powers of mo-

ney, at compound interest, are almost beyond calculation.

Animated by such representations, and urged by sense of duty, Mr Pitt, though struggling with the embarrassing effects of a tedious, and unsuccessful war, which, in the judgment of very experienced men, had almost exhausted every national resource, has established a sinking fund of a million. Whatever might have been the universal wish, no one, at the reestablishment of the peace, had any reasonable expectation, that so large a sinking-fund would be thus early settled, by act of Parliament, on principles, which at once promote the interest of the public, by diminishing the national debt, and forward the advantage of individuals, by creating a rapid circulation.

Of other sinking-funds, it has been remarked, that they did not arise so much, from the surpluses of taxes, after paying the annuity, which they had been established to pay, as from a reduction of the stipulated interest. The sinking funds, that had been established, in Holland, during 1655, and at Rome, in 1685, were thus created. The well-known sinking-fund, which had its commencement here, in 1716, was equally created, by the reduction of interest, on many stocks : And hence, has been inferred the insufficiency of such funds. But, the foundation of Mr Pitt's sinking fund is firmly laid on a clear surplus of a permanent revenue, which was made good, by new taxes ; and on the constant appropriation of such annuities as, from time to

time, might revert to the public, from the effluxion of years.

The sufficiency, and sacredness, of this fund may be, however, inferred, not so much, from any artificial reasoning, as from the nature of the trusts, and from the spirit of the people, which ever guards, with anxiety, what has been dedicated to their constant security, and future glory. The sinking-fund of 1716 was left to the management of ministers, who found an interest, in misapplying it. Mr Pitt's sinking-fund has been entrusted to six commissioners, holding offices, which are no way connected, with each other, and to the possessors of which, the people look for fidelity, knowledge, and responsibility. From such trustees no misapplication, or jobbing, can reasonably be apprehended. A quarter of a century has almost elapsed, since the establishment of their authority; and neither jobbing, nor mismanagement, has been detected by faction, or suspected by malice. Add to this, that the commissioners, being required, by law, to lay out the appropriated money, in a specified manner, and to give an annual account of their transactions to Parliament, act under the eye of a jealous world, and under the censure of an independent press, which, in a free country, has an efficacy, beyond the penalties of the legislature.

But, the act itself, which creates this fund, and makes those provisions, may be repealed, it is feared, by the rapacity of future ministers, or by the sense of distress from subsequent wars: Yet,

against this objection, experience has also given its decision.

It is, however, no small security of the present sinking-fund, that the impolicy of misapplying the former is admitted, with universal conviction, and constant regret. Under this public opinion, no minister, whatever his principles, or his power, may be, will ever attempt the repeal of a law, which, in fact, contains a virtual contract with the public creditors, and on the existence of which the public credit must, in future depend : For the repeal of this act, and the seizure of this fund, during the pressures of any war, would be a manifest breach of this contract ; and would amount to a bankruptcy ; because it would be a declaration to the world, that the nation could no longer comply with her most sacred engagements. And, what evil is to be feared, or good expected, from any war, which ought to stand, in competition, with the evils of bankruptcy, or the good, that must necessarily result, from the invariable application of such a fund ? A million, thus applied, will assuredly free the public, from vast debts, and, in no long period, yield a great public revenue : It is demonstrable, that a sinking-fund of a million, with the aid of such annuities, as must meanwhile fall in, will set free *four millions* annually, at the end of twenty-seven years : It has been demonstrated, by ingenious calculators, that the invariable application of a million to the annual payment of debts, would, in sixty years, discharge 317,000,000l. of 3 per cent. annuities, the price being at 75 per cent.

And, by an additional advantage of purchasing into different stocks; so as to make the conversions of redeemed interests quarterly, instead of half yearly, such redemption would be effected, somewhat sooner. In eight years, Mr Pitt's sinking-fund, in fact, purchased 13,617,895l. of stock, at the cost of 10,599,265l. of cash. This measure, then, is of more importance to Great Britain, than the acquisition of the American mines. And, this measure, thus sacred in its principles, and salutary in its effects, will not probably be soon repealed, by the influence of any minister; because all orders, in the State, are pledged to support it, while the property of every man, in the community, is bound, for the payment of the national debt.

Without inquiring, minutely, whether a surplus of 900,000l. appeared, in the exchequer, on any given day, it is sufficiently apparent, that all the purposes of this measure of finance will be amply answered, by the punctual payment of 250,000l. in every quarter, to the trustees, as the law requires; because the Parliament are engaged, by the act, to make good the deficiency, if the surplus of the sinking-fund should in any year amount to less than a million. The fact is, that 250,000l. have been punctually applied, every quarter, since it began to operate, on the 1st of August 1786. Additional sums have, meantime, been thrown into the sinking fund, for giving a quicker pace to its powerful operations. And, by those means, has it produced, at the end of eight years, much greater effects, than some calculators, originally, conceived, from

taking narrow views of a most extensive prospect.*

* Earl Stanhope was the calculator, who urged every objection against this sinking-fund with the most ingenuity, and force; having a plan of his own to propose. His Lordship formed a calculation, in order to show the effect of a surplus of 1,000,000*l.* a year, with such long annuities, as might fall in. The following detail will show the amount of his calculation, and the sum total of the fact, from experience, of stock, actually, bought, at the end of every year.

Eight Years.	Earl Stanhope's Calculations.	Eight Years.	The fact, from experience.
	L.		L.
5th April 1787	1,000,000	4th Quarter.	1,343,100
Do. - 1788	2,065,351	8th Do. -	2,874,150
Do. - 1789	3,173,316	12th Do. -	4,447,150
Do. - 1790	4,325,599	16th Do. -	5,997,900
Do. - 1791	5,527,230	20th Do. -	7,568,875
Do. - 1792	6,792,613	24th Do. -	9,441,850
Do. - 1793	8,145,898	28th Do. -	11,196,165
Do. - 1794	9,553,314	32d Do. -	13,617,895

Thus, hath the event decided against Earl Stanhope's calculations, and plan, by a balance of 4,064,581*l.* in eight years operations. Lord Stanhope estimated, that there would be redeemed by the sinking-fund, on the 5th of April, 1803,—25,043,498*l.*: But, there were, in fact, redeemed by it, on the 1st of February 1803, no less than 86,922,868*l.*; and, on the 1st of February 1804, 100,901,854*l.*; the Sinking Fund, amounting to 1,600,000*l.* a quarter; and on the 1st of February 1810, there was redeemed no less a total, than 164,703,601*l.*; when the annual sum, which was then applicable to the further redemption of the national debts, amounted to 11,350,039*l.*; and in 1812, the annuity, which was applicable to the liquidation of debts, amounted to upwards of 12,000,000*l.*: Thus, then, does experience demonstrate how little the theories of speculators ought to be allowed, in the practice of life, or in the movements of legislation.

Little fluctuation in the funds will be created, by sending into the Stock Exchange, a certain sum, on certain days, during every quarter. It is the great rise, and the proportional fall, in the value of the stocks, which enable jobbers to gain fortunes. And, of consequence, the commissioners will hardly find it their interest, if they had the inclination, to deal in public securities, with a view to great profits. * If the gradual, and steady rise of the stocks be, for the interest of the public, as well as of individuals, the quarterly application of the new fund must be deemed a great improvement of the old, which was seldom felt, in the stock market, and gave little motion to general circulation. By those means, will the capitals of the public debts be rendered more manageable, in no long period; the price of stocks must necessarily rise; the finance operations of government will, thereby, be performed, with still greater advantage to the State; and industrious individuals will, in the same manner, be more easily accommodated, with discounts, and with loans.

* The purchases being confined to the transfer days, little more than 5,000*l.* can be brought to market on any one day, which of consequence can make no rapid rise of any one stock: And when the sinking fund amounts to 4,000,000*l.* the purchase-money, on any day, can only be something more than 20,000*l.* — The gradual application of this sinking-fund is an excellent quality of it, because sudden changes, in the stock-market, are not for the interest of real buyers, or sellers. The commissioners, therefore, can gain little profit, from their superior knowledge of the stock, into which they intend to purchase.

The establishment of such a fund, and the creation of such a trust, are doubtless very important services to the people, collectively, as they form a corporation, or community : But, it may be easily shown, that the people, individually will be still greater gainers, by the new sinking fund, as it has been thus, judiciously, formed. And, in this view of the subject, its steady operation will be of still greater utility to the nation, than even the payment of debts ; because it is the prosperity of individuals, which forms the real wealth of the state. The ingenious theorists, who oblige the world with projects, for paying the national debt, consider merely the interest of the corporation, or public, without attending to what is of more importance, the advantage of the private persons, of whom the public consists. Of Mr Pitt's sinking-fund, it is one of the greatest commendations, that it promotes the true interest of both parties, in equal proportions.

A new order of buyers being thus introduced, and a new demand being thereby created, the price of stocks must necessarily rise, notwithstanding the arts of the stockjobbers ; because the public securities become in fact of more real value. In proportion as the money is sent from the sinking-fund to the stock-exchange, the price of stocks must gradually rise still higher. And a rise of stocks, when gradual, and steady, never fails to produce the most salutary effects on universal circulation, by facilitating transfers of property, and by aiding the

performance of contracts. Recent experience confirms this general reasoning. Every one must remember how impossible it was, for individuals, to borrow money, on any security, for any premium, till towards the end of 1784. When the stocks began to rise, the price of lands equally rose. When the government ceased to borrow, and the unfunded debts were liquidated, manufacturers, and traders, easily, obtained discounts, and, readily, acquired permanent capitals.

But, the wisdom of man could not have devised a measure more favourable to circulation, than the sending of large sums, from day to day, into the Stock Exchange; whereby the course of circulation is constantly filled, and, being always augmented, becomes still more rapid. It is the rise of stocks, and the fulness of circulation, which make money overflow the coffers of the opulent, unless some unforeseen drain should be, unhappily, opened. When cash becomes thus plenty, the natural interest of money gradually falls, and bills of exchange, and other private securities, are readily discounted, at a lower rate. In this happy state of things, money is said to be plenty; and every individual is accommodated with loans, and with discounts, according to his needs, by pledging his property, or his credit.

Owing to all those facilities, every industrious man, easily, finds employments. The manufacturers are all engaged. The traders send out additional adventures. The ship-owners are offered

many freights. The produce of the husbandman is consumed by a busy people. And thus are rents more readily paid, and taxes more easily collected. Such are the benefits, which result to individuals, and the State, from a rapid circulation, that can only be promoted, and preserved, by sending money constantly into the Stock Exchange. It is thus, by inciting an active industry, that the payment of public debts, through the channel of a quarterly sinking-fund, enables the people to pay the greatest taxes, with ease, and satisfaction. And thus, may we solve a difficult problem, in political economy, whether the surplus of the public revenue ought to be applied, in the discharge of debts, or in the diminution of taxes : the one measure, assuredly, invigorates the industry of the people, in the manner, that we have just observed ; the other may promote their indolence, but cannot procure them an advantage, in any proportion to the benefits of unceasing employments, and the accommodation of more extensive capitals. By means of industry, the heaviest burthens seem light : by the influence of sloth, the slightest duty appears intolerable.

It was owing, probably, to the invigorating effects of an augmented circulation, that our agriculture, and manufactures, our commerce, and navigation, not only flourished, but gradually increased, to their present magnitude, amidst our frequent wars, our additional taxes, and accumulating debts. How much the scanty circulation of

England was filled, during the great civil wars of the seventeenth century, by the vast imposts of those times, and how soon the interest of money was, thereby, reduced, we have already seen. Similar consequences followed the wars of William, and of Anne, owing to similar causes. The sinking-fund, which, for several years after its creation, in 1716, did not much exceed half a million, produced, assuredly, the most salutary influences, even before the year 1727: The value of the public funds rose considerably, though the stipulated interest, on them, had been reduced, first, from 6 to 5 *per cent.*: and, in that year, from 5 to 4 *per cent.* The natural interest of money gradually fell: The price of lands, in the mean time, advanced, from 20 and 21 years purchase, to 26 and 27: And our agriculture and manufactures; our trade and our shipping, kept a steady pace, with the general prosperity of the nation.* Such are the salutary effects of a circulation, which, being replenished, by daily augmentations, is preserved constantly full. And thus it is, that the people are eased, in the payment of taxes, by being better enabled to pay them; while taxes are, continually, augmented, though there may be some imposts, which ought to be repealed, as they press upon particular objects.

* For the above-mentioned facts, see Anderson's Chron. Com. vol. ii. p. 316—22.

On the other hand, an obstructed circulation never fails to create every evil, which can afflict an industrious people: Scarcity of money, and unfavourable discounts; unpurchased manufactures, and want of employments; unpaid rents, and unperformed contracts; are the mischiefs, which distress every individual, and embarrass the community, while circulation is impeded. The commerce of England was well nigh ruined, during King William's reign, by the disorders in the coin, the want of confidence, and the high price of money. The foreign bankruptcies, in 1763, reduced the value of cargoes, which were exported in the subsequent year, from sixteen millions to fourteen, during several years, owing to the decline of general credit. How much the domestic business of Great Britain was embarrassed by the bankruptcies of 1772 and 1773, which, in England, amounted, in the first year, to 525, and to 562, in the second, is still remembered.* The

* The following detail is alone sufficient, to demonstrate, how the manufactures of a country may be ruined, by a languid circulation, without the interruptions of war. Of linen cloth, there were stamped, for sale, in Scotland,
during 1771 — 13,466,274 yards.

1772 — 13,089,006.

1773 — 10,748,110.

1774 — 11,422,115.

Of woollen cloth, there were fulled, in the West Riding of Yorkshire, in the year ended on the

complaints, which were, at those periods, made of a decline of commerce, were merely owing to an obstructed circulation, as subsequent experience hath amply evinced.

Wars, then, in modern times, are chiefly destructive, as they incommod the industrious classes, by obstructing circulation. Yet, general industry was not much retarded, however individual persons, or particular communities, may have been deranged, or injured, by the Colony-war. The people were able to consume, abundantly, since they actually paid vast contributions, by their daily consumption of exciseable commodities. * And

	Broad.	Narrow.
25th March 1792, -	203,623 pieces	156,475 pieces
Ditto - 1793, -	214,851	— 190,468
Ditto - 1794, -	190,332	— 150,666
	—	—

* Of Malt there were consumed,

	Bush.	Old Duties.
in 1773—4—5	- 72,588,010	- L. 1,814,700.
in 1780—1—2	- 87,343,083	- 2,183,577.
	—	—

Of low Wines from Corn,

	Gal.	Old Duties.
in 1773—4—5	- 9,974,287	- L. 415,593.
in 1780—1—2	- 11,757,499	- 489,895.
	—	—

Of Soap,

	lb.	Old Duties.
in 1773—4—5	- 93,190,140	- L. 582,498.
in 1780—1—2	- 98,076,806	- 612,980.
	—	—

though they pursued their accustomed occupations, and thus paid vast imposts, the established income of the state sustained considerable defalcations, from various causes ; from the abuses, which war never fails to introduce into certain branches of the revenue ; from the illicit traffic, that generally prevails, in the course of hostilities ; and from the new impositions, which somewhat lessen the usual produce of the old.

Those disorders, in the public revenue, have been at least palliated, if they have not been altogether cured, since the re-establishment of peace. The measures, which were vigorously adopted, for the effectual prevention of smuggling ; the alterations, which have been made, in the collection of some departments of the public income ; and the improvement, that has been happily effected in all; have brought, and continue to bring, vast sums into the Exchequer.* The public expenditure, continually, distributes this vast revenue among the creditors, or servants of the State, who return it to the original contributors, either for the necessities, or the luxuries, of life. The Exchequer, which thus constantly receives, and dispenses, this

* The whole public revenue paid into the Exchequer,		
from Michaelmas 1783		
to ditto 1784	— L. 12,995,519	
Ditto, from Michaelmas 1784		
to ditto 1785	— 15,379,182	
Ditto, from 5th January 1785		
to ditto 1786	— 15,397,471	

immense income, has been aptly compared to the human heart, that unceasingly carries on the vital circulation, so invigorating, while it flows, so fatal, when it stops. Thus it is, that modern taxes, which are never hoarded, but always expended, may even promote the employments, and prosperity, and populousness of an industrious people: And, we are assured by SHAKSPEARE, that

“ The sweat of industry would dry, and die,
“ But, for the end it works to.”

C H A P. XI.

The Prosperity of Great Britain from 1783 to 1793.—The Causes assigned.—The East India Trade.—The Fisheries encouraged.—The New Navigation Act.—Foreign Treaties.—Manufactories promoted.—Agriculture encouraged.—Laws, for Local Improvements.—Revenue Acts.—Financial Operations.—Their salutary Consequences.

So prosperous were our affairs, from the conclusion of the peace of 1783, to the commencement of the late war, that curiosity naturally desires, to trace up the causes to their true sources. In order to gratify this desire, it is proposed to run over, rather than develop, the principal measures, which have chiefly contributed to raise this nation, from a condition of great despondency, at the first epoch, to a state of unrivalled prosperousness, at the last. And those measures may be arranged; 1st, as they tended to promote the private revenue of the people; and, 2dly, as they were proposed to enlarge the public revenue of the nation.

The affairs of the East India Company, which, like the affairs of the State, were, no doubt, greatly deranged, at the re-establishment of peace, in 1784, divided parties considerably, in respect to the mode of restoring them.

Our divisions on this head, were soon settled, by several acts of parliament, * for regulating, rather than suppressing, the Company; for controlling its government, rather than destroying its powers. If to those laws, we add the Commutation Act, † which gave the Company great facility, in the sale of its tea, and the fair trader, still greater advantages over the smuggler, we shall have a view, sufficiently distinct, of those measures, which we shall immediately find, produced the happiest effects. The credit of the Company rose, in proportion as the directors were enabled to fulfil their engagements. They divided 8 *per cent.* to their proprietors; they paid their debts to the public, even sooner, than the most sanguine had expected; and, before September 1786, they were able, to reduce the interest on their bond-debts, at home, from 5 *per cent.* to 4, with an avowal, that the creditors, who did not choose to accept of the reduced interest, should be paid the principal of their debts. ‡ The value of British goods, which were, yearly, sent to China, was, in the year 1792, 626,000l., though in 1783 and 1784, the amount

* 24 G. III. ch. 34.—26 G. III. ch. 62.

† 24 G. III. ch. 38.

‡ The India Stock was,

in December 1783, at 120.

in December 1784, at 127.

in December 1785, at 155.

in December 1786, at 166.

in December 1792, at 191.

had only been 120,000. The shipping, which annually sailed to China, according to a six years average, ending with 1792, carried 17,981 tons, though in the six years ending with 1783, the annual tonnage of the China ships was, only, 6,059. And, there was an yearly increase, upon the fair importation of teas, of 12,503,459 pounds. *—The whole quantity of shipping employed, annually, in the India trade, according to a six years average, ending with 1776,

was, - - - -	12,071 tons.
Do. ending with 1792 -	<u>26,033</u>

The whole value of British manufactures exported, annually, to India, according to a six years average, ending with 1774,

was, - - - -	L. 907,240
Do. ending with 1792	<u>1,921,955</u>

Such was the beneficial result of the several measures, for regulating the India Company, with regard to our shipping, and manufactures, to the gains of individuals, and to the revenue of the nation !

All those objects were equally promoted, by the

* The annual importation, according to a twelve years average, ending with 1784, was - - - lib. 5,605,074

Do, according to a six years average, ending with 1792 - - - 18,108,533

The annual augmentation - lib. 12,503,459

various laws, which were passed, for encouraging our nautical interests. The home fisheries were promoted. The Greenland fishery was encouraged. The Newfoundland fishery was regulated. The South whale-fishery was, in a great measure, created. And, all those, owing to the enterprize of our traders, and the encouragement of the legislature,* were carried to such an extent, that they may be said, to have somewhat sunk under their own greatness, as must ever happen, when the ultimate demand, for the products, is not equal to the immediate supply. The nautical interests of the country were so much considered, and so effectually protected, by the act for *the increase of shipping*, that this statute will be, for ever, regarded, with thankful recollection, as the great charter of our navigation, which created the authentic register of our naval prosperity. †

Additional employment was given to our ships, and our seamen, by means of our treaties, with foreign nations. The commercial agreement with France, in 1786, opened a wide field, for the adventures of our traders. Our conventions, with Spain, by adding more certainty to our commercial enterprizes, in the other hemisphere, gave new occupations to our industrious classes, at home. Our treaties, with Prussia, and with Holland, had their

* By 26 Geo. III. ch. 41, 45, 50, 81; 27 Geo. III. ch. 10; 28 Geo. III. ch. 20.

† 26 Geo. III. ch. 60; and 26 Geo. III. ch. 86; and 27 Geo. III. ch. 19.

facilities, which communicated energy to our traffic. * And, the renewalment of our commercial treaty, with Russia, has added stability to our commerce, in that country, which, before, was rather uncertain.

Meantime, our various manufactories were greatly promoted, by the several laws, which were made, year after year, for their encouragement. †

Agriculture was, at the same time, energized, by the additional measures, which were adopted, for giving full effect, to her operations. The forfeited estates, in Scotland, were restored. ‡ The crown lands were made more useful to the individual, and the public. The growth of hemp, and flax, was further encouraged. § And, the corn laws, that lay, in a state of confusion, through many statutes, were reduced into a system, which had, for its end, the interests, properly understood, both of the grower, and consumer. || Had those laws produced no other benefit to the country, than establishing an effectual mode, for ascertaining the average price of

* See the treaties, which are mentioned above, in the Collection of Treaties, that was published, by Stockdale, in 1790.

† In the ten years, ending with 1793, there were twenty-nine statutes passed, for the encouragement of several manufactures, exclusive of one hundred and fourteen acts, for the promotion of commerce. See the Statute-book.

‡ 24 Geo. III. ch. 57.

§ By 26 Geo. III. ch. 43.

|| 31 Geo. III. ch. 30.—23 Geo. III. ch. 55,

corn, and thereby preventing causeless alarm, they had merited the praise of most useful regulations.

During the ten sessions, which ended with that of 1793, the Parliament, with unexampled diligence, enacted no fewer than *one thousand, nine hundred, and thirty-four distinct statutes*, for promoting, in various modes, the true interest of the people. Of those, there were 625 private, and 1309 public acts; there were twenty-nine, for improving manufactures; one hundred and fourteen, for commercial purposes: and, above all, there were sixty-six, for improving, and strengthening, our constitutional system, during a period, when it was supposed, that the constitution, like our neglected mansions, was falling fast into ruins, without the slightest repairs.

In addition to all those laws, for promoting the private revenue of the people, there passed in the eight years, ending with 1792, *seven hundred and fifty Acts of Parliament*, for making local improvements, and domestic meliorations. Of this remarkable fact, here is a curious proof, from the Statute-book, in the following

TABLE;

TABLE ; showing the Number of Acts of Parliament, which passed, in each of the following years, for making Roads and Bridges, &c. ; Canals and Harbours, &c. ; for Inclosures and Draining, &c. ; for Paving and other Parochial Improvements.

	1785	1786	1787	1788	1789	1790	1791	1792	Total
Roads, Bridges, &c. -	31	40	30	37	36	30	44	54	303
Canals, Harbours, &c.	7	4	3	5	6	9	13	17	64
Inclosures, Draining, &c.	22	25	19	36	36	27	39	41	245
Paving, and other Parochial Improvements	20	14	14	14	18	20	20	19	139
The Total -	80	83	66	92	96	86	116	131	750

There is, moreover, a class of statutes, which, as they at once promote the private revenue of the people, and the public revenue of the nation, are of an amphibious nature. Of this kind were the acts, for regulating, and controlling, the India Company. We have seen, what an augmentation of shipping they created ; what an increase of British manufactures they sent out ; and, in addition to those commercial benefits, how much they enabled the Company, to satisfy their debts to the public. * Of this mixed kind also was the commutation-act, which, by destroying smuggling, and

* Of those debts, there were paid, in 1785, 401,118l. 17s. 1d.; and in 1786, 522,700l. 7s. 6d.; amounting to 923,519l. 4s. 7d.

facilitating fair trade, gave rise to a great private commerce, while it brought a large contribution to the public revenue.*

Much of this merit has the consolidation act, which facilitates commerce, by its simplifications, and enriches the public income, by its contributions.† The various acts against smuggling, as far as they enlarge fair trade, and make the established taxes, more productive, are entitled to equal praise. The wine act,‡ and the tobacco act,§ are both entitled to this commendation. The various improvements in the post-office, fairly merit, yet greater laud. We could have little commodious correspondence without the post-office, which, by means of trade, yields a vast revenue to the nation. As a proof of this, and of the great augmentation

* The immediate effect of this efficient measure was the legal importation of an additional quantity of tea, amounting to 12,503,459 lib. a year. The collateral consequences were, as we have seen, a vast export of British manufactures, and a great employment of British shipping.

† Those contributions amounted, in 1792, to 75,434*l.*; exclusive of the benefits, which that act did to trade, which are to be inferred, from the vast increase of the imports and exports.

‡ The increased quantity of wine imported, in consequence of that act, was 16,694 tons a year, which yielded an increased and nett revenue of 290,143*l.*

§ While this act promoted the real interest of the fair trader, it augmented the public revenue at least 154,000*l.* a year.

of our commercial intercourse, see the subjoined statement of the gross revenue of the post-office, in the following years ; ending on the

5 April 1786	- L.471,176	— 5 April 1787	- L.474,347
'Do. - 1788	- 509,131	— Do. - 1789	- 514,538
'Do. - 1790	- 533,198	— Do. - 1791	- 575,079
'Do. - 1792	- 585,432	— Do. - 1793	- 607,268

But, of all the measures, which have been just described, as of an amphibious nature, the sinking-fund, which began to work, in the three months, that ended on the 31st October 1786, has produced the greatest facility to individuals, and benefit to the public :—To individuals, by creating a rapid circulation, and plenty of money, for the uses of business, by raising at once the value of the produce of our land, and labour, and the price of our funds : To the public, by disincumbering the nation, before the 1st of February 1793, of 10,109,400l. ; when the sinking-fund itself had increased to 1,669,582l. a year.

Such were the various means, which were wisely adopted, for promoting the revenue of the people, since 1783, either by direct encouragement, or by incidental help. Let us now take a slight view of the revenue of the nation, during its depression, in 1784 ; of the measures, which were adopted for raising it ; and of the result, during its exaltation,

though the retrospect seldom affords the pleasures of the prospect.

There was, at that epoch, a vast unfunded debt of nine-and-twenty millions, which pressed down the value of the public funds, and even prevented the productiveness of the national income.

The yearly interest of the funded debt, on the 5th Jan. 1784, was	—	—	L. 8,000,284
The yearly interest of exchequer bills was	—	260,000	
The annual charges on the aggregate fund, and the appropriated duties, were	—	—	1,040,000
The usual establishments were about	—	—	<u>4,000,000</u>
			<u>L. 13,300,284</u>

The total to be provided for For the discharge of this great sum, there was only the permanent in- come, on the 5th of Jan. 1784, amounting to	—	—	L. 9,671,206
The annual land, and malt, taxes about 2,560,000	<u>—</u>		
			<u>12,231,206</u>
<u>The total of the annual deficiency in 1784 L. 1,069,078</u>			

Such was, nearly, the state of the national account of expenditure, and income, during the unpropitious period of 1784, while the unfunded debt depressed the whole system of our funds, and credit, * public, and private !

The same means, which were, at that epoch, employed to depress the nation, eventually promoted

* The three *per cent.* consols, which had risen to 69, in March, 1783, fell to 54*½*, but rose to 58, in 1784, and fluctuated nearly, at that rate, till July, 1785.

its salvation. So much was said of the ruin of the country, that the country was almost persuaded, that it was, indeed, on the verge of ruin. Yet, when the nation was, by those means, convinced, that effectual measures were necessary, the business of saving it, was more than half achieved.

The most efficient measure, for obtaining this great end, was to fund, in the years 1784, and 1785, the floating debts of the navy, of the victualling, and of the ordnance, departments, to so great an amount, as to require taxes, which produced 938,000l., for paying the interest. At the same time, that new taxes were imposed, systematic measures were effectually pursued, for improving the collection of the old, which is ever the best economy. Some of the laws, for that salutary purpose, have been already noticed. The smuggling act, the commutation act, and other similar laws, have been also mentioned, as wise measures, which at once promoted the private income of individuals, and the public revenue of the nation. And, the beneficial effects evince, that they were attended with the most salutary consequences.

The best proof of that salutariness may be found, in the public accounts of the national income, and expenditure, during the year 1786:

The nett payments into the exchequer, in the twelvemonth, which ended on the 5th Jan. 1786, were L. 15,397,471
The expenditure, in this period, was 14,478,181

The annual surplus of the income * - L. 919,290

By those measures, the nation was now saved. This, also, was the epoch of the sinking-fund, which carried salvation up to prosperity. There were other duties added to that surplus of income; so as to make that fund an efficient million a-year. To this large sum were added such annuities, for years, and lives, as might expire, in the effluxion of time. And, to the whole was thrown in some casual sums, for giving greater effect to its progressive operations. Such was the sinking-fund, which was, at that epoch, invariably appropriated, for buying, quarterly, such of the public securities, as should appear to be most depreciated, and thereby to offer the best bargain to the commissioners, who were appointed to buy them, on behalf of the public. Before the first of August 1794, there had been received into this fund, since its

* See the Report of the Select Committee, for examining the accounts of the public income, and expenditure, 21st March, 1786.

establishment, 10,599,265l., which were laid out by the commissioners, in purchasing various public securities, amounting to 13,617,895l.* This, then, was the amount of the national debt, which had been by those means, paid off, before the first of August 1794. The sum, which was laid out for that purpose, during the preceding quarter, amounted to 408,363l. And, if we were to form a judgment, from this great sum, which was thus applied, we might infer, that the sinking-fund had, in no long period, nearly doubled itself, by the productive operations of compound interest, with some additional aids.

This sinking-fund not only raised the price of the public securities, by creating a constant demand for them, but it promoted the industrious pursuits of the people, by keeping circulation full, and it thereby made the permanent income more

* The general average, at which that great capital was purchased, was $77\frac{1}{4}$ per cent. It is curious, to observe the operations of the sinking fund, during those times, when we enjoyed peace, and were threatened with hostilities, from the prices, which were paid by the commissioners for the 3 per cent. consols, in every quarter.—The first quarter, ended on the 31st of October 1786, during which the consols were purchased at $77\frac{1}{4}$: The prices fluctuated, in the following quarters, as under:—

1787.	1788.	1789.	1790.	1791.	1792.	1793.
Qr.	Pr.	Qr.	Pr.	Qr.	Pr.	Qr.
2 ending 31 January	74 $\frac{1}{4}$	6. 76	10. 73 $\frac{1}{2}$	14. 78	18. 79 $\frac{1}{2}$	22. 88 $\frac{1}{2}$
3 —— 30 April	- 76	7	75 $\frac{1}{4}$	11. 74	15. 78 $\frac{1}{2}$	19. 79 $\frac{1}{2}$
4 —— 31 July	- 74 $\frac{1}{4}$	8. 74 $\frac{1}{2}$	12. 76 $\frac{1}{2}$	16. 73 $\frac{1}{2}$	20. 81 $\frac{1}{2}$	24. 90 $\frac{1}{2}$
5 —— 31 October	71 $\frac{1}{4}$	9. 74 $\frac{1}{2}$	13. 80 $\frac{1}{2}$	17. 76 $\frac{1}{2}$	21. 88 $\frac{1}{2}$	25. 90 $\frac{1}{2}$

productive, during every successive year. Thus,	
the permanent taxes produced, in the twelvemonth,	
ending on the 5th of Jan. 1787	L. 11,867,055
5th of Jan. 1788	12,923,134
—	—
5th of Jan. 1792	14,132,000
5th of Jan. 1793	14,284,295
—	—

The whole revenue, in 1783, was *below* the establishment 2,000,000l.

The whole revenue in 1792, was *above* the establishment 2,031,000l.*

Such, then, was the revenue of the nation, during the depression, in 1783; the principal measures which were adopted, for raising it; and such was the amount of its exaltation; when Great Britain was forced into another war, by the dire necessity of unprovoked hostilities: And, on that occasion, we might have said, with MILTON,

" — shame to be overcome
" Would utmost vigour raise, and rais'd unite."

* The Brief Examination, p. 58.

C H A P. X I L

The Strength of Britain, in 1793 :—From her Populousness ;—From her Trade ;—From the Numbers of her Shipping, and Sailors ;—From the Magnitude of the Royal Navy ;—From her Revenue.—The Losses of her Trade.—The Bankruptcies of 1793.—The Lapse of the Bank of England.—Our vast Commerce.—The Improvement of the Country.—The Corn Trade.—Finance Operations.—The Peace.—The Conclusion.

THE judicious reader has already determined, from the experience of the past, that the nation was never more able to engage, in vigorous war, than at the great epoch of her prosperity, in 1792. We never had so many people, nor so many enlightened, and industrious, people, who were usefully employed; and who, with augmented capitals, obtained greater gains. We never exported so great an amount of the products of our land, and labour; as the foregoing facts have shown, and the following details will demonstrate:

The value of British manufactures, which were annually exported to the several countries, in Europe, except to the British dominions :—

	Six years average, ending with 1774.	Six years average, ending with 1792.
To Denmark and Norway	— L. 97,034	— L. 160,131
To Russia - , -	- 132,257	— 278,054
To Sweden - , -	- 22,090	— 41,575
To the East Country -	- 62,996	— 78,674
To Germany -	- 431,223	— 763,160
To Holland -	- 741,886	— 746,715
To Flanders -	- 332,667	— 386,054
To France - , -	- 87,164	— 717,807
To Spain and the Canaries -	- 878,066	— 605,055
To Portugal and Madeira -	- 578,951	— 643,553
To the Straights and Gibraltar -	- 136,713	— 250,228
To Italy and Venice - , -	- 618,817	— 722,221
To Turkey -	- 65,189	— 73,026
	<hr/> L. 4,185,053	<hr/> L. 5,466,253
	<hr/>	<hr/>

The value of British manufactures, which were annually exported to the British dominions, in Europe :

	Six years average, ending with 1774.	Six years average, ending with 1792.
To Ireland - , -	— L. 1,024,231	— L. 1,352,291
To the Isle of Man -	- 2,893	— 17,717
To Guernsey, Jersey, &c.	- 36,201	— 73,342
To Greenland -	- 2	— 11
	<hr/> L. 1,063,327	<hr/> L. 1,443,361
	<hr/>	<hr/>

The value of British manufactures, which were annually exported to all other countries, without Europe :

	Six years average, ending with 1774.	Six years average, ending with 1792.
To the British Colonies		
in America - - -	L. 310,946	— L. 697,205
To the States of America	2,216,824	— 2,807,306
To the West Indies - -	1,209,265	— 1,845,962
To the East Indies - -	907,240	— 1,921,955
To New Holland - -	—	— 3,179
To Africa - - -	449,364	— 568,663
To the South Whale Fishery	—	— 75
	—	—
	L. 5,093,639	L. 7,844,945
	—	—

We never had, at any former period, so many shipping, either for the uses of traffic, or the objects of war, as at the beginning of the late hostilities ; as the subjoined details will clearly evince, from three several averages :—

Av. of years.	Ships cleared outwards, from England.			Val. of Cargoes. L.
	Tons Eng.	Do. Foreign.	Total.	
In 1772 } 73	799,341 -	63,337 -	862,678 -	15,613,003
} 74				
1785 } 86	1,012,899 -	117,471 -	1,130,370 -	15,416,994
} 87				
1790 } 91	1,329,979 -	163,778 -	1,493,757 -	21,331,497
} 92				

Add to the above the shipping and exports of Scotland :

Av. of years.	Ships cleared outwards.			Value of Cargoes	
In 1772	Tons Scotish.	Do. Foreign.	Total.	L.	
73	100,290	- 3,106	- 103,396	1,515,026	
74					
1785					
86	143,407	- 4,830	- 148,237	1,012,503	
87					
1790					
91	169,126	- 5,906	- 175,032	1,254,275	
92	—	—	—	—	

From those details, it is sufficiently apparent, that we employ nearly *six hundred thousand* tons of shipping, more than at the commencement of the American war ; and export a greater value of cargoes, to the large amount of 5,457,733l. Of our commercial prosperity, we shall find supplemental proofs, if we examine the *gross income* of the *post-office*, which has been already stated ; * and which shows clearly how commerce, and revenue, may promote each other. It is, equally, true, that the navigation, and nautical strength, of the country go hand in hand together : the mercantile shipping maintain our naval militia, during peace ; and our naval militia protect the mercantile shipping, in war. The amount of both will appear in the subjoined TABLE ; comprehending the number of *ships*, with their *tonnage*, and *men*, within every part of the British dominions, in the following years :—

* In page 208.

	1791.			1792.,			1793. +		
	Ships.	Tons.	Men.	Ships.	Tons.	Men.	Ships.	Tons.	Men.
England -	10,423	1,168,469	86,897	10,633	1,186,610	87,569	10,779	1,206,778	87,393
Scotland -	2,104	161,486	13,777	2,143	162,274	13,491	2,122	160,642	13,080
Ireland -	1,176	69,233	6,638	1,193	69,567	6,730	1,181	67,790	6,437
The Colonies	1,686	96,545	8,299	1,745	103,316	8,389	1,889	111,204	9,491
Jersey - -	81	6,144	649	91	6,851	728	92	6,787	1,080
Guernsey -	93	6,629	482	97	7,050	513	89	7,142	661
Man - -	84	2,895	371	177	4,477	866	177	4,177	810
The Total	15,647	1,511,401	117,173	16,079	1,540,145	118,286	16,329	1,564,520	118,952 +

Such were the number of ships, and sailors, which, in those years, belonged to the merchants, within the British dominions; and which, by proper management, may be all converted to the uses of war, if the royal navy were less equal to its various objects.

By examining the following details, we shall acquire sufficient information, with regard to the comparative state of the *Royal Navy*, in the following years:—It consisted,

	Tons.
In 1760, of —	300,416
In 1774, of —	276,046

+ The year 1793 contains the shipping, which were registered, between the 30th of September 1792, and the 30th of September 1793, the accounts being made up yearly to those dates. The numbers, which appear in the account of 1793, as prize ships, made free as British, were 661 vessels, containing 97,969 tons.

	Tons.
In 1792, of —	433,239 *
In 1800, of —	790,950.

But, the greatest fleet is of little avail, if we have not money, to put it in motion. We never had so great a permanent revenue, as in 1792. We never had so efficient a sinking-fund, to give energy to private gains, and to augment the public income, as when hostilities began. By the simplification, which has been introduced into the mode of stating the accounts, the amount of the national income, and expenditure, in every year, became apparent to every eye, the moment the statement is presented to parliament. It equally contributes towards our national strength, that an account of the produce, which each particular tax yields, is now laid before the parliament, in order to show, which of them are productive, and which of them are deficient. The appointment of commissioners, for controlling the army accounts, have made all of-

* The whole Royal Navy was then composed of

No.	Rates.	Tons.
7	1st	15,664
21	2d	41,125
112	3d	176,062
21	4th	22,413
103	5th	84,115
42	6th	23,330
192	Sloops, &c.	70,530
<hr/>		<hr/>
498		433,239
<hr/>		<hr/>

ficers more careful, both of their receipts, and disbursements. The establishing of a new board, for examining the public accounts, has induced all persons, who receive public money, to be more attentive, in the expenditure, and more punctual, in their settlements. And, the great example, which has been made, of a strict enquiry, with regard to “unaccounted millions,” and the subsequent repayment of many thousands, has operated, as one of the resources of the State, during the last hostilities; since rigid economy, in private life, is the most productive income. The facility, with which supplies were found, for the late campaigns, is the best evidence of the truth of the foregoing positions.

In the midst of the greatest prosperity, which this flourishing nation ever experienced, whether we regard the income of individuals, or the revenue of the State, ensued, at the end of 1792, what was denominated, at the time, the “universal ‘wreck of credit,’ in Britain. The allusion was to the numerous bankruptcies, which, certainly, happened, at that grievous epoch. I thought then, as I now think, that those bankruptcies had no connexion with the beginning of war: and, I still think, as I then declared, that the derangement of our private credit was altogether owing to an *impeded circulation*, which is, doubtless, a commercial misfortune of great magnitude. An inquiry into the cause of those bankruptcies will develop some curious circumstances, will ascer-

tain some important facts, and will inculcate some useful instruction.

At the portal of this inquiry, we shall find a remark of Lord Kaims, which is the key to this subject. He states it, as a fact, that, from 1694, to 1744, there were, in Scotland, only *thirty-four cessio bonorum* [bankruptcies]; and, he infers from the fact, as a consequence, how languidly trade was then carried on. From 1744 to 1771 there have been yearly, thrice thirty-four [bankruptcies]; which is a proof, he adds, of the rapid progress of trade. Every one, he concludes, is roused to adventure, though every one cannot gain.* Had all been like this! but, alas! seldom is it, that Lord Kaims, with all his celebrity for labour, states his facts, with so much accuracy, or draws his inferences, with so much precision.

We may see a similar progress, in the annals of our commerce, in England. In the infancy of our traffic, the bankrupt was regarded by the law, as a criminal, who had defrauded his creditors. When commerce began to be more practised, and better understood, the bankrupt was at length considered, by our legislature, and lawyers, as unfortunate, rather than fraudulent. The trade of England, after languishing, in its childhood, for ages, was, even at the commencement of this century, only in its infancy. And, at that epoch, we had scarcely, in England, *forty bankruptcies*, in a

* Sketch of the History of Man, 12mo. vol. I. p. 92.

twelvemonth. I have, in quest of-facts, inspected the London Gazette, that melancholy chronicle of our commercial failures ; and from it have compiled such a chronological statement of annual bankruptcies, as hath all the accuracy, that such an inquiry, easily, admits, or truth, absolutely, requires. I have thrown it into the comprehensive form of a Table, which is here subjoined :—

A TABLE

A TABLE: Showing the Number of BANKRUPTCIES, in every Month, during the following Year,
from 1700 to 1793:

	1700	1701	1702	1710	1714	1715	1720	1726	1727	1728	1736	1737	1738	1739	1740	1741	1744	1745	1746	1747	1748	1749
January	-	3	4	19	37	6	23	34	39	34	9	18	13	30	27	20	26	21	20	29	20	20
February	-	3	3	1	25	17	21	17	37	40	55	18	15	21	26	32	22	18	20	15	26	23
March	-	2	2	4	19	23	15	17	36	58	61	23	20	24	15	29	22	18	20	18	19	14
April	-	6	2	2	20	19	6	12	26	32	20	19	16	22	27	34	19	25	17	21	20	20
May	-	2	3	6	17	12	25	17	35	33	15	16	27	23	27	24	29	23	16	9	15	28
June	-	4	5	3	13	15	17	14	42	47	35	20	19	20	21	21	18	16	10	14	16	17
July	-	3	3	3	8	18	8	17	13	16	39	26	33	24	25	8	16	17	9	7	14	14
August	-	7	4	4	26	3	13	19	20	32	20	11	16	17	10	10	10	10	27	17	15	5
September	-	4	2	2	—	18	8	16	10	22	24	17	13	15	10	10	10	10	21	14	10	15
October	-	3	5	—	15	14	10	10	23	37	34	32	22	15	22	21	21	20	21	14	10	15
November	-	4	3	—	16	15	16	16	26	38	44	31	29	24	29	32	23	31	28	14	18	17
December	-	38	38	30	200	173	169	235	415	446	388	240	220	232	263	288	255	197	200	159	226	200

Continued.

	1752	1753	1754	1755	1757	1762	1763	1764	1772	1773	1774	1778	1779	1780	1781	1782	1783	1784	1791	1792	1793	
January	-	25	20	25	41	24	23	24	25	39	48	28	57	50	38	33	61	46	67	60	58	77
February	-	17	21	30	26	20	19	40	25	62	29	50	57	49	48	45	53	57	53	38	87	
March	-	15	24	15	31	19	14	21	33	31	49	33	64	43	41	32	49	54	27	50	53	105
April	-	23	20	26	26	26	20	25	30	47	54	33	53	48	39	34	51	35	56	36	39	188
May	-	9	28	35	25	28	17	17	17	42	37	57	35	70	65	48	46	52	66	42	66	57
June	-	10	10	15	15	16	16	28	14	14	14	17	34	42	50	59	45	35	22	37	41	158
July	-	12	15	20	16	19	16	11	18	70	37	28	52	30	37	46	40	48	45	46	41	108
August	-	8	20	15	17	17	13	12	12	44	66	24	39	30	20	36	37	27	56	39	87	
September	-	3	10	14	14	14	14	13	6	24	18	54	15	54	35	15	18	36	28	38	30	49
October	-	7	15	18	14	18	14	21	25	11	12	42	40	19	34	29	37	23	41	44	32	65
November	-	15	20	18	21	24	22	35	22	55	40	33	83	67	57	61	47	56	56	105	97	
December	-	14	21	10	20	35	16	30	26	47	33	24	60	45	33	39	41	30	34	66	47	70
	138	214	244	270	274	205	233	201	362	369	675	544	449	438	537	528	517	604	638	617	604	1304

Here, let us pause a while.—This curious, and instructive, Table furnishes important facts, which inculcate useful instruction. It is apparent, from those facts, that in the exact proportion, as our traffic increased, from its infancy to manhood, the number of bankruptcies, at every period, bore a just proportion to the amount of our trade, and the frequency of our commercial dealings. The traders, continually, adventured out upon the uncertain ocean of commerce, though they did not all return, with happy gales, and equal success, into port. And, the nation, which beheld the shipwreck of their fortunes, grew rich, from their enterprizes, while she pitied the unhappiness of their fate.

If this *Table* be a faithful mirror of our commercial misfortunes, we may see, that the commencement of Queen Anne's war did not greatly incommodate our traders. The bustle, and business, of her hostilities appear to have increased the number of bankrupts. The rebellion of 1715 seems to have made none. The South-sea year, 1720, appears to have involved our merchants, in in the burst of bubbles, though it was public, rather than private, credit, which was chiefly affected, during this unhappy year of visionary projects. Our bankruptcies now regularly increased, with the augmentation of our trade. The rebellion of 1745 overturned none of our commercial houses. The war of 1756 seems to have done a little more mischief, though that mischief seems to have de-

creased, as hostilities went on. The peace of 1763 augmented the number of bankruptcies; though the commercial distresses of that period seem to have been more, in sound, than in reality. With our traffic, and business, our bankruptcies continued to increase in number, and magnitude. We perceive how many they were augmented, during 1772, and 1773, when *our circulation was impeded*, at a moment of uncommon prosperity. We see a smaller number of bankruptcies, in 1781, when our trade was the most depressed, during the American war, than in 1772, and 1773. The two most prosperous years, which this nation had ever known, were 1791, and 1792: yet, strange to tell, the number of our bankruptcies was larger, than the amount of them, in 1781, the most disastrous year of the American war; so different are the informations of *fact*; from the deductions of *theory*.

We might learn, from experience, that prosperity, generally, leads on to adversity, as the highest health is often the forerunner of the worst diseases; the chills of ague, or the flames of calenture. We perceive, through the several months of 1791, and still more in 1792, that there lurked, in our commercial habit, the predisposing causes of our commercial maladies, which broke out into such a paroxysm, during 1793. History will record the month of November 1792, as a memorable epoch in our annals. It was peculiarly unfortunate to our traders: Yet, was it a month propitious to

our constitution. Whether the apprehensions of that epoch produced any of the numerous bankruptcies of November 1792, I pretend not to know. I believe, that all terrors disappeared, when the parliament was called, when the militia were embodied, and, above all, when the nation, with an overpowering voice, avowed her attachment to the constitution, and promised her support of the laws.

Our domestic quiet was, by those means, scarcely secured, when the French, after various threats, declared war against Great Britain, and Holland, on the first of February 1793. The unusual bankruptcies, in the month of January preceding, can hardly be attributed to this subsequent measure. The first bankruptcy, which created suspicion, from its amount, was the failure of Donald and Burton, on the 15th of February 1793. They were engaged in the most uncertain of all traffics ; in the trade of corn ; in speculations on *American* corn ; but, they had sustained no loss from the war. On Tuesday evening, the 19th of February, the Bank of England threw out the paper of Lane, Son, and Fraser, who had never recovered the shocks of the American war. And, next morning, they stopt payment, to the amount of almost a million of money. This great failure involved the fate of several very substantial traders. But, none of those houses had sustained any damage, from the war. Suspicion was now carried up to *alarm*, and, every merchant, and every banker, who was concerned, in

the circulation of negotiable paper, met with unusual obstructions, in their daily business. Yet, it was not till the 16th of March, that the long-established house of Burton, Forbes, and Gregory, stopt, which was followed, on the 18th, by the failure of their correspondents, Caldwell and Company, of Liverpool, to the amount of nearly a million. Still, neither of these great circulators of paper had sustained any loss from the war. And, as suspicion had been carried up to alarm, alarm was now magnified into panic.

In the midst of this terror, the whole city of London was frightened at *the rule of three*. It was an easy calculation, by which it was demonstrated, that, if one house failed for a million, ten houses might fail for *ten millions*. Neither of these calculators, in their closets, nor those traders, in their counting-houses, ever reflected, that one bankrupt might pay five shillings in the pound, a second ten shillings, a third fifteen shillings, a fourth twenty shillings, and a fifth five-and-twenty shillings, in the pound. In fact, several bankers, during that panic terror, paused in their payments, who immediately went on, as usual, with their business; and some great traders, who were obliged to stop, soon paid twenty shillings in the pound. Yet, all this while, we had not felt the stroke of an enemy. In this manner, terror created distrust, distrust impeded circulation, and an impeded circulation is the greatest misfortune, that can afflict a commercial nation.

Such, then, were the real causes of our commercial distresses ! And, such was the sad termination of seven years of the greatest prosperity, both public and private, which this nation had ever enjoyed ! In the midst of this prosperity, a bank was erected, in every market town, I was going to say, in every village. The vast business, in the country, created these banks ; and these banks created, by their facilities, vast business. The rise in the price of the public stocks drew immense sums of money, from the country, to London ; and the still greater rise of the public stocks drove vast sums of money, from London, to the country. Much of this money was placed in the country banks, which employed it, in speculations, to relieve themselves, from this fulness. But, of speculations there is no end. The country bankers tried various projects, to force a greater number of their notes into circulation, than the business of the nation demanded. They destroyed, by their own imprudence, the credit of their own notes, which must ever depend, on the near proportion, of the demand to the supply. The country bankers became ambitious of furnishing not only the country, but London, with notes. For this purpose, many of them issued notes, optional, to be paid, in the country, or in London. *

* By a list of English country banks, which I have now before me, containing 279, though not the whole number, it appears, that of the 279, no fewer than 204 issued *optional* notes, and of these last 71 stopt payment.

By those means, their notes came oftener, and in greater numbers, to London, than were welcome, in the shops of London. These notes became discredited, not only in proportion, as the supply was greater, than the demand for them, but as the banks were distant, and unknown. The projects, and arts, by which those notes were pushed into the circle of trade, were regarded, with a very evil eye by those who, in this management, saw great imprudence, in many, and a little fraudulence, in some. When suspicion stalked out, to create alarm, and alarm ran about, to excite panic, more than three hundred country banks, in England, sustained a shock ; all were shaken ; upwards of *a hundred* stopt ; some of which, however, afterwards went on, in their usual course of punctual payments.

The many, which stopt, the many that paused, all demonstrate how greatly they contributed to our commercial misery. The whole number of country banks in England was unknown ; their capitals, and characters, were unknown : Their imprudence only was known, which had already shaken their own credit. And suspicion fastened upon all, though the event has prov'd, that they were, generally, more stable, than had been at first supposed. Yet, few *foreign* merchants failed. The country banks, and country traders, were those, who chiefly swelled the unfortunate number of our monthly bankruptcies. And this comparison is alone sufficient, to show, that the cause of our commercial maladies arose at home, without infection from

abroad ; that it arose from the fulness of peace, without the misfortunes of war.

Happy is it for mankind, that they see little into futurity. Had it been foreseen that, in a few months, at the commencement of hostilities, a hundred banks would stop, and in the same twelve-months, thirteen hundred bankruptcies would happen ; the whole nation had trembled to its center. Posterity will scarcely credit the record of the facts, that after such a storm, in three short months, our confidence, and credit, were restored. Unusual measures were resorted to, in parliament, to prevent the universal wreck of credit. Perhaps the parliament thought, with Lord Hardwicke, that, if there be no precedent, we will make one. The very first emission of exchequer bills, however, in 1696, for supporting credit, and helping commerce, during the *recoinage*, was a precedent in point.* The issuing of exchequer bills, in 1793, was an uncommon, but a very salutary, measure. The whole nation was supported, and soothed, by the appointment of commissioners, for granting aid to private credit, by exchequer bills. There never was a measure, so little alarming, and so completely effectual, as this immediately proved. Of the 5,000,000l. of exchequer bills, that were allowed, the whole number of applications, for loans, was

* Anderson's Chron. Com. vol. ii. p. 213.—It is worthy of remark, that in 1696 there were exchequer-bills issued for as small sums as 5*l.* each, which proves, that they were intended, for common use.

332, amounting, in all, to the sum of 3,855,624l. Of these applications, 238, amounting to the sum of 2,202,200l., were granted. Of the remaining 94 applications, 45 for the sum of 1,215,000l. were withdrawn, or not pursued by the claimants: and 49 applications, for the sum of 438,324l., were rejected, either as not coming within the purpose of the act, or owing to the inability of the parties, to give satisfactory security. The whole sum, which was advanced on loan, has been repaid, without difficulty, or distress. Of the persons, who were thus assisted, only two became bankrupt. These facts prove, that temporary relief was only wanted, and to no great amount. The interest on those loans amounted to 13,033l. 14s. 6 $\frac{1}{4}$ d.; the expense of the management to 8,685l. 12s. 4d.; and of consequence, there was a clear profit, from one of the happiest, and best-timed, measures, which the wisdom of government ever adopted, of 4,348l. 2s. 2 $\frac{1}{4}$ d. In fact, the alacrity of parliament, to support the credit of the country, was relief. May 1793 was the epoch of the greatest number of bankruptcies. They greatly decreased, in June; they decreased still more, in July; they continued to decrease, in August; and in September, they fell to be nearly on a par, with the numbers, in September 1792. The business was now done.* The expectation of relief, actually, created

* I happen to have the following note, which, I believe, is sufficiently accurate to show to what parts of the country the principal relief was granted:

it. And, the wise determination of parliament, to support both public, and private credit quieted apprehensions ; and was extremely instrumental, in restoring mutual confidence ; as it gave traders time to recollect themselves, and to look for, and use those resources, which are not often wanting to merchants of character, and property, in times of commercial difficulties.

In Scotland, the commercial distress, though great, was much less, than in England. If scarcity of gold, and silver would make distress, Scotland ought to have had her full share of distress. Though there be some variety of opinions, as to what really is a *banking-house* in Scotland, it is certain, that the act of parliament,* for suppressing optional paper, and small notes, has introduced into her sys-

There were granted to

Glasgow	-	-	-	-	L. 319,730
Leith	-	-	-	-	25,750
Banff	-	-	-	-	4,000
Perth	-	-	-	-	4,000
Dundee	-	-	-	-	16,000
Edinburgh	-	-	-	-	4,000
Paisley	-	-	-	-	31,000
London	-	-	-	-	989,700
Liverpool	-	-	-	-	137,020
Manchester	-	-	-	-	246,500
Bristol	-	-	-	-	41,500
Other places	-	-	-	-	310,000
					<hr/>
					L. 2,129,200.

tem, since May 1766, a greater circumspection, which has prevented much mischief. † The great principle, and various provisions, of this salutary law, by converting all paper bills into cash notes, which are payable on demand, has been attended with the most salutary consequences.

Scotland was not so much deranged as England, either in her circulation, her manufactures, her trade, or her shipping, during the year 1793. Owing to a more attentive management, her banks

† An intelligent friend at Glasgow wrote to me on this subject, as follows:—"The distress began to be felt here, in a few days after it began, in London, in the month of February last: but we had no failures till the 28th of March, when the banking-house of Murdoch, Robertson, and Company, were made bankrupts, for about 115,000*l.* This was followed by the banking-house of A. G. and A. Thompsons, who owed about 47,000*l.* The first will pay every shilling to their creditors; and it is supposed, that the last will do so also. One or two more of the country banks, in the west of Scotland, were under temporary difficulties, but made no pause; and having got assistance they went on; and, as all the other banks did, drew in their funds, and lessened their engagements. Some of the banks here did certainly continue to discount some bills, but in a less degree than formerly. All of the banks were under the necessity of allowing many of such bills, as they held, *to be renewed*, at two or three months date, either in whole, or in part, according to circumstances, which, in fact, was the same thing as a new discount. In this way all our banks have been going on to this hour, by making renewals, when they could not obtain payment, endeavouring to lessen the amount at every renewal; so as gradually to draw in their funds."

were less embarrassed. Her circulation being less checked, its impediments gave fewer interruptions to her manufactures. And, her trade, and shipping, being put in motion by all those, were little driven from their usual course, during the storm, which had almost wrecked the commerce, and navigation, of England. Of those exhilarating truths, the following details furnish ample proofs, whatever may have been the temporary embarrassments :

Of linen cloth, there were made for sale, in Scotland, during the years

	Quantity.	Value.
1789 -	19,996,075 yards	L. 779,608
1790 -	18,092,249	722,545
1791 -	18,739,725	755,546
1792 -	21,065,386	842,544
1793 -	20,676,620	757,332
<hr/>		

There were exported, by sea, from Scotland, goods of the value, in 1782 - of - L. 653,709
in 1786 - of - - 914,739
in 1789 - of - - 1,170,076
in 1792 - of - - 1,230,884
in 1793 - of - - 1,024,751
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Perhaps a more accurate view of the trade, and shipping, of Scotland may be seen, in the subjoined statement, which exhibits the various ships, in their several employments :

Years.	Foreign Trade.		Coast Trade		Fishing Trade.		Total.	
	Ships.	Tons.	Ships.	Tons.	Ships.	Tons.	Ships.	Tons.
1789	793	84,206	958	47,901	381	22,798	2,132	154,905
1790	794	86,823	950	47,688	361	19,898	2,105	154,409
1791	776	85,468	1,058	51,998	388	19,632	2,222	157,098
1792	718	84,027	1,022	50,940	376	19,890	2,116	154,857
1793	698	80,024	1,143	57,313	393	17,973	2,234	155,315
1802	739	94,276	1,151	65,328	603	25,060	2,493	184,664

From the foregoing documents, I am now induced to infer, that the commercial affairs of Scotland were little embarrassed, by the impeded circulation, in 1793, and still less, by the commencement of war. And, from this truth, I am inclined to believe that, had not any unusual bankruptcies happened, in England, during 1793, from the imprudent management of country banks, her trade, and shipping, had been little lessened, by sudden hostilities.

Happy is it for mankind, that every evil brings its own remedy, unless imprudence step in, to aggravate misfortune, by its reformations. We have already derived commercial benefits, from our commercial derangements. Speculators now see, that there are limits, beyond which, they cannot safely pass. Bankers, at length, perceive, what indeed required not the help of experience, that by issuing too much paper, they may lose all. Merchants of real capital, and true knowledge, will do more bu-

siness, to more profitable purpose, since traders of no capital, and little moderation, have been forced to give way. Manufacturers have learned, from recent misery, that there are bounds, both to giving and receiving, wages. * Distrust will be banished from our island, as those, who stood the test of the late trials, must, like gold in the furnace, be deemed more worthy of confidence. The measure of issuing exchequer bills has at once evinced the alacrity of parliament, to support credit, and the good

* My commercial correspondent at Glasgow, whose sound sense and genuine veracity, I will warrant, wrote to me on the 9th of December 1793, as follows :—

“ The truth is, that most of us are of opinion, that the late stagnation has been exceedingly useful to our trade; and that if it does not proceed too far, it will be attended with the most beneficial consequences to men of real capital: For, previous thereto, the sales were so rapid, the returns so quick, and money so abundant, that much business was established upon little better than mere paper speculation, or circulation alone, which is now at an end. The wages of our labourers, too, had got to such a height, that we must, in all probability, have been gradually undermined in foreign markets, by foreign manufactures; and if this had once occurred, it would have been much more difficult to recover from, than any temporary shock, like the present. Besides, these high wages occasioned much idleness, and dissipation; and much of the time of our workmen was consequently spent in ale-houses, where they became politicians, and government-mongers, restless, and discontented. Upon the whole, therefore, we may say with truth, that all, which has hitherto happened, has been for the best.”— These judicious observations apply, equally, to the whole nation.

effects, which no vast sum, when, prudently, applied, can produce on the extended surface of general circulation. And, the whole world has seen, with wonder, during the severest trials, that the people of this nation have vast property, exclusive of paper, and unbounded resources, without exhausting their strength.

Never was this exhilarating truth more fully verified, than by the events of subsequent times. One of the greatest of those events was the LAPSE of the Bank of England, in February 1797. Panic, and an impeded circulation, had well nigh ruined the whole country banks of Great Britain, as we have seen, in 1793 : and panic, and an impeded circulation, occasioned that *lapse* of the Bank of England, in 1797. An inquiry into the affairs of the Bank now became necessary. That inquiry was, minutely, made, by Committees of the two Houses of Parliament, separately. Every trial of the Bank “only published her better commendation.” A thousand facts, and circumstances, were now disclosed to the world, with regard to the wealth, and circulation of the Bank, which were before unknown to the most intelligent persons. It appeared, at length, that the Bank had, undoubtedly, a clear surplus of property, after answering all demands, of 15,137,690l. It was now disclosed, that there was then in circulation, of Bank notes, the diminished amount of 10,000,000l.* It was

* Lords' Report, Appendix, No. 10—11. Foreigners
were

the diminished number of Bank notes, which, by impeding circulation, brought on commercial distress, and many bankruptcies. As it was now apparent, that much of that panic had arisen from the artifice of the enemy, the Parliament prohibited payments, by the Bank, in gold, and silver, for a time. The traders immediately came out with declarations of confidence. Every one now ran to receive Bank notes, as if they had been specie. Credit, both public, and private, was again restored. The specie, which had been carried, by fright, into the country, from London, was brought back, by credit, from the country, to London. During the years 1797, and 1798, there were imported into this island, as a favourable balance, 8,000,000l. in bullion. After the failure of so many country banks, and the pause of the Bank of England, to have furnished such vast supplies, for war, and to have engrossed the trade of the world, are proofs of inexhaustible resources.

If we were now to inquire into the losses of our commerce, during the late hostilities, with so many nations, it would perhaps be found, that the interruptions of circulation, and the derangements of credit, inflicted deeper wounds on our traffic, than the redoubled strokes of the enemy, which, as e-

were surprised, that the Bank notes were so few; that they should now circulate, at par; without reflecting, that Bank notes are not forced into circulation; and that Bank notes, by our custom, and law, are deemed *cash*, as much as guineas themselves.

very war brings some discouragement with it, must be allowed to have made some temporary defalcations, from our shipping, and our traffic. And the apparent losses of our trade, both from bankruptcy, and war, may be calculated from the following detail :

Years.	Ships cleared outwards.			Value of cargoes. L.
	Tons English.	Do. Foreign.	Total.	
In 1785				
86	1,012,899	- 117,471	- 1,130,370	- 15,416,994
87				
1790				
91	1,329,979	- 163,778	- 1,493,757	- 21,331,497
92				
1793	1,101,326	- 180,121	- 1,281,447	- 19,365,429

Add to the above, the shipping, and exports, of Scotland :—

	Value of Cargoes.		
	Tons Scottish.	Do. Foreign.	Total.
1785			
86	143,407	- 4,830	- 148,237
87			- 1,012,503
1790			
91	169,126	- 5,906	- 175,032
92			- 1,254,275
1793	138,936	- 6,911	- 145,847
	—	—	—
			- 1,024,751

To all those details, and circumstances, must be added, from the *record* of our commercial misfortunes, an instructive account of the number of *bankruptcies*, throughout the war, which ended, by the peace of Amiens ; in the subjoined

TABLE ; showing the Number of Bankruptcies, in every Month, during the *ten* following years, compared with the *ten* former years :—

	1794	1795	1796	1797	1798	1799	1800	1801	1802	1803
In January	64	70	43	66	66	44	46	58	93	63
February	74	63	61	93	73	41	86	84	86	71
March -	81	60	52	67	73	46	82	83	79	66
April -	64	66	88	101	71	60	63	68	59	78
May - -	114	84	84	110	84	39	81	91	90	89
June - -	51	66	60	82	71	41	58	76	83	61
July - -	69	48	59	79	75	45	61	62	69	59
August -	53	50	34	49	40	22	46	55	51	83
September	44	32	50	39	39	24	23	59	36	51
October	46	49	60	29	35	35	48	72	48	56
November	84	64	98	89	58	98	81	96	101	116
December	68	66	58	65	44	54	65	89	58	113
	812	718	747	869	729	599	740	893	853	906
	205	233	525	562	537	528	517	604	628	1304
	1762	1763	1772	1773	1782	1783	1784	1791	1792	1793

Yet, our general traffic, owing to the vast force of its energies, soon regained its former prosperity. It preyed upon the trade of the enemy. We may easily perceive how much of our commerce we owed to prize goods, from the following statement of the value thereof, which was imported, and exported ;

Prize

	Prize Goods imported.	Prize Goods exported.
In 1793	- - L. 560,124	- L.
94	- - 1,115,141	- 1,319,728
95	- - 877,633	- 896,517
96	- - 437,844	- 286,631
97	- : 484,451	- 991,142
98	- - 582,128	- 1,338,344
99	- - 534,874	- 1,120,116
1800	- - 683,097	- 1,611,733

Our enterprise absorbed almost the whole commerce of Europe. And, owing to those causes, our foreign trade rose, by an energetic increase, from the depression of 1793, amounting to 20,390,180l., to its vast augmentation over the most prosperous years, amounting to 38,120,120l. in 1800. *

If we add to this vast sum the value of the *imports*, in the same year, the whole value of our *foreign* trade will appear to be no less than 68,690,725l. : But, add to this total, 50 *per cent.* for the difference, between the *real*, and the *official* value; and then the result will be 103,036,087l. How to calculate the amount of our domestic trade, is not easy: It was always deemed by our old writers, on trade, Petty and Child, Davenant and De Foe, who were as wise as we are, though they had not the same details, to be more than our foreign commerce: Hence, the amount must be at least 103,036,087l.

Those facts exhibit, then, such an immense trade, as no other country ever enjoyed, in the undisturb-

* See the Chronological Table.

ed times of profound peace. If we add to that vast traffic, the various profits, which are connected with it; the gains of *freights*; * of the insurances; and of agencies; which were all, equally, profitable to our traders; we must greatly enlarge our ideas of the vast gains of our commerce, during the late war, which was to exhaust our resources, and to ruin our traffic.

The late war is, gloriously, distinguished, by the capture of the enemy's corsairs, and by the ruin of the enemy's fleets. Our shipping were never so protected, or so safe, in any former war; and, owing to those causes, and to the vastness of the business, the insurances were never made, on such reasonable terms. † When the fleet, which was

* Of British Ships, there were employed, in Britain,

	Inwards.		Outwards.	
	Ships.	Tons.	Ships.	Tons.
In 1793 —	9,979	— 1,342,747	— 11,177	— 1,240,262
In 1800 —	10,496	— 1,379,807	— 11,867	— 1,445,271

There belonged to Great Britain, of Ships,

	Ships.	Tons.
In 1793 —	12,901	1,367,420
In 1800 —	14,363	1,628,439

† The *subjoined* STATEMENT is a sufficient proof:

PREMIUMS OF INSURANCE from LONDON to
the East Indies, and China.

1779. L. 6 *per cent.* — 1782. 15 Guineas *per cent.*

1792. January to December, L. 3. to 3 Guineas; December, L. 4 and L. 5 *per cent.*

employed in the Russian trade, was recently detained, in the ports of Russia, the loss of the whole

1793. January, L. 4½ a. 5 Guineas; February and March, 8 Guineas; April to October, L. 7 a. 7 Guineas; October, &c. 6 Guineas.

Jamaica.

1779 With convoy, 7 to 8 Guineas; without, 15 a. 20 Guineas.

1782 8, 10, and 15 Guineas with convoy.—Premiums highest in the beginning of the season.

1792 L. 2½ per cent.—1793. January, 3 Guineas; February, 5 Guineas, and 7 Guineas; April, 8 Guineas; June, 4 a. 6 Guineas, with convoy.

Leeward Islands.

1779 With convoy 7 a. 8 Guineas; without convoy 16 Guineas.

1782 From 8 to 12 Guineas with convoy.—Premiums highest in the first part of the season.

1793 L. 2.—1793. January, 2½ to 3 Guineas; February, 10 Guineas; March, 5 Guineas, with convoy. 5 Guineas per cent. the general rate throughout the season, with convoy.

Canada.

1779 With convoy, 10 Guineas; without convoy, 15 Guineas per cent.

1782 15 Guineas with convoy.—1792. L. 3 to 3 Guineas, throughout the season.

1793 5 to 6 Guineas with convoy.

American States,

1782 15 Guineas with convoy, in general, throughout the season.

1792 L. 2 in general. — — Ditto.

was settled, with the usual facility of the common loss of a single ship. This is a transaction, of which the Insurers of Britain may boast. The great reasonableness of the Insurances, during the late war, ought to be added to the unusual profits of that gainful period.

Our trade was not only carried on, with an extraordinary degree of success, and profit; but, the surface of our island was improved, with uncommon skill, and augmented energy. From the restoration of peace, in 1783, till the commencement of the war, in 1793, domestic meliorations had been carried on, with equal vigour, and suc-

1793 January, L.2; February 4th to 20th, 3 Guineas, 4 Guineas, and 5 Guineas; 23d, 8 Guineas; March, 8 Guineas, and 5 Guineas; American ships only. The general rate throughout the rest of the season, 3 Guineas.

The Baltic.

- 1779 2½ Guineas with convoy, 5 Guineas without.—1782-4 to 5 Guineas with convoy.
- 1792 1 Guinea to St Petersburg, L. $1\frac{1}{4}$ to $1\frac{1}{2}$ to Stettin.
- 1793 March, 3 Guineas with convoy to Stettin; 6 Guineas without.
April $2\frac{1}{2}$ Guineas with convoy to St Petersburg; and 5 Guineas without.
July, to St Petersburg 3 Guineas, to return 1 per cent. if with convoy, which was the general rate throughout the rest of the season. Add to all those details what a very eminent Insurer at Lloyd's Coffee-house has written to me, "that premiums of insurance, in the late war, have been much lower, than they were in the American war."

cess: But, during the late war, our domestic improvements have been pursued, with still greater knowledge, and more useful efficacy. We may perceive proofs of those facts, in the subjoined

TABLE; showing the Number of Acts of Parliament, which passed, during the *late war*, for making Roads, and Bridges, &c.; Canals and Harbours, &c.; for Enclosures and Draining, &c.; for Paving and other Parochial Improvements; compared with the eight preceding years.

	1793	1794	1795	1796	1797	1798	1799	1801	Tot. of Do. 8 yrs. 8 years preceding.	
Roads, Bridges, &c. - - - {	62	35	36	27	39	41	49	52	341	302
Canals, Harbours, &c. - - - {	32	22	13	18	14	7	10	16	132	64
Enclosures, Drain- ing, &c. - - {	62	74	80	76	91	52	66	88	589	245
Paving, and other Parochial Im- provements {	15	5	10	8	7	7	4	6	62	139
Total -	171	136	139	129	151	107	129	162	1,124	750

We thus see, distinctly, that the active spirit of domestic melioration, which existed, before the war began, continued, with augmented energy, during the progress of hostilities. The world will contemplate this enterprize with wonder. Millions, and tens of millions, have been raised upon the people, for carrying on an interesting war, yet they found money, as they had skill, and industry, to improve —“ this island of bliss, amid the subject seas.”— Great Britain, as it has been more improved, during every war, is worth more, at the conclu-

sion of it, than when hostilities began. And, this happy isle, where the foot of the foe never treads, if it were brought to the hammer, would sell for more, than it would have fetched, at any former period, in proportion to its additional improvements.

Yet, what do all those improvements of the country avail, if the people have not victual to eat? This question would lead us into the wide, and thorny, wilderness of *agricultural reports*. But though I have been, regularly, summoned to contribute a day's labour, in this unweeded garden, I have hitherto been frightened, by the toil. I had the honour to receive, some months ago, a circular letter, from the Board of Agriculture; soliciting such observations, as I might have to make, with regard to the best mode of preventing future scarcity. But, my various avocations have hitherto prevented me, from essaying so arduous a subject.

I will, however, contribute two, or three *truisms*, which may induce some person, who has more leisure, and more skill, than I can command, to add a few more; in the hope, that a regular collection of *truisms* may be formed, on this interesting subject: for, amidst a long continued clamour of contradiction, I have scarcely, found any two persons, who could agree upon any one position.

1st TRUISM. There have been ten times more agricultural melioration, during the present reign, than in any anterior period.* Yet, is it, in this

* The foregoing pages furnish abundant proofs of that position:

reign, that we appear to have lost the export of corn. It would be very absurd logic to maintain, that the surface of our island, in proportion as it is improved, by enclosing, draining, and by every sort of manurance, became less productive. There are two facts, which are incontrovertible, and are very interesting : 1st, During the six-and-thirty years, which ended with 1800, the surface of our island was, continually, improved, beyond all former example, and in the *last* ten years of this period more, than in the *first* ten years : 2dly, With the same six-and-thirty years, our importation of corn began : and has increased the most, towards the conclusion of this long period. *

2d TRUISM: During the present reign, there have been more skill, more money, and more efficient work, employed, in our agriculture, than in any

sition : but, I will rely on an authority, which will not be disputed. The report of the Committee of the House of Commons, on the waste lands, stated, in 1797,

A Table of the Acts of Inclosure, with the Extent of Land inclosed in the following reigns :—

		No. of Acts.		No. of Acres.
In Queen Anne's	—	—	2	—
In George I.	—	—	16	—
In George II.	—	—	226	—
In George III.'s reign to 1797	—	1,532	—	2,804,197
		—————		—————

* The averages in the corn accounts, printed by the order of parliament, on the 14th of November 1800, establish the fact, as to the imports ; and the journals of parliament, and the statute-book, as to the improvements.

former period. By a necessary progress, the nation had become more knowing, more opulent, and more enterprising. The farmers have been better paid, for their pains, in this reign, than in prior times.* It would be a very absurd argument, then, to maintain, that our fields produce less, as they are better cultivated, and the farmers better paid.

3d TRUISM: This island must, necessarily, produce more victual, in the present reign, than in any former period. From more skill, more expense, and more manurance, the appropriate result must be more product. He, then, would be an absurd reasoner, who, from such premises, should maintain, that more skill, more expense, and more cultivation, must necessarily produce less, upon a medium of seasons.

From those three TRUISMS, there results, in my judgment, a fourth *truism*, though other persons may think, differently, from me upon the point: that all the late struggle, canvassing, and clamour, for a general act of enclosure, are groundless. If the country be in a continual course of improvement, and if this progress of melioration gather energy, as it proceeds, this much-sought-for measure is groundless, in its policy. If a general enclosure act would divert from profitable employments a greater portion of capital, of labour, and of enterprise, than would, otherwise, run into that channel, such an act would introduce an evil, rather,

* The corn accounts printed by the said order of the 14th of November 1800.

than a good, into our political economy. If all interests, however, could be made to concur, there seems to be no other objection to a general enclosure act, except, that the spirit of improvement might slacken, perhaps, if that object were obtained ; as lassitude generally follows enjoyment.

From the foregoing truisms, I am inclined, strongly, to think, that there is more *victual** produced, at present, in a *bad* season, than there was, formerly, produced in England, and Wales, during a *good* season. † If we throw into the scale the vast

* I use the good old English word *victual*, as it was used by Shakespeare, and by the parliament, in the reign of Charles II. in a larger sense, than *corn*, as stores, for the support of life.

† The greatest surplus of corn, which was ever sent out of this country, was, in the five years, ending with 1754 ; and which amounted to - - - - L. 1,087,594 qrs.

The quantity of corn, which was imported according to an average of the five years of scarcity, ended with 1799, was - - - -	1,190,131
<hr/>	
	2,277,725
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Now, that quantity would not supply the *additional* number of people, which enumeration has, at length, found to be 2,830,000, who, yearly, consume one quarter each person, or 2,830,000 qrs. The annual deficiency is no less than 552,275 quarters. Mr Dirom argues this question, upon the supposition, that each person consumes two quarters; 1st, because he made his estimate not only upon wheat; but, upon oats, rye, barley, malt; 2dly, because he included, also, the consumption of pastry-makers, and starchmakers, of poultry, pigs, horses, which are not used in agriculture; and even the brewery, and distillery.

The

quantity of potatoes, which are now, annually, grown, more than there were fifty years ago, the balance, will show, that there is raised at present, an infinitely greater quantity of *victual* in *bad seasons*, than there was, fifty years ago, raised, in *good seasons*.

The difficulty, and the distress, of late times, did not arise from our *producing less*, notwithstanding the unfavourable seasons ; but from our *consuming more* : in good seasons, we produce infinitely more victual, than was raised in the prosperous years, ending with 1754 ; perhaps enough, for the whole consumption, in plentiful years, as we may infer, from the foregoing details : but, we consume much more ; as we may learn from the well-known amount of the imports of corn, during recent times. We have 2,830,000 more people, in England and Wales, at present, as we know, from the late enumeration, than there existed, in the same countries, at the epoch of the bounty on corn, in 1689 : if each consumer use at least one quarter a-year, then, the general consumption of such persons must be 2,830,000 quarters of every sort of grain * : and,

The fact is, the above statements, of the exports, and imports, include all sorts of grain : and, consequently, the estimate of the consumption ought to include every sort of consumer.

* The Rev. John Howlett says, *Dispersion*, p. 11.—“ If “ these additional inhabitants live upon barley, they will each “ require twelve bushels a-year, instead of eight of wheat ; if “ upon oats, nearly sixteen bushels.” Mr Dirom, in his Corn Tracts, p. 15, says, “ wheat is double the value of the inferior “ grain ; I shall throw upon the general consumption of the “ people,

Consequently, more than half a million of quarters beyond the former export, and recent import, of corn, added together, as we have seen. Neither is there included, in this estimate, the starch-making, the pastry, the poultry-meat, the pig-meat, the horse corn, the distillery, the brewery. The consumption is, therefore, not only much greater now, than formerly; but many consumers, who, in less opulent times, formerly, eat rye-meal, and oat-meal, now eat flour of wheat. The consumption of the whole body of consumers is not only more expensive, but it is more wasteful, at present, than formerly. A revolution, which has gradually taken place, during the last fifty, or sixty years, has lessened the number of suppliers, and added, largely, to the body of consumers. The cottagers have been dri-

" people, the grain consumed by horses, which are not employed in agriculture, hogs, poultry, starch-makers, &c.; " and when it is considered, that a great number of people " live chiefly upon the inferior grain, we cannot, under all " these circumstances, appropriate less than two quarters of " the several sorts of grain, over-hand to the consumption " of each person, upon an average yearly, for bread, beer, " spirits, &c." With those intimations, the well-informed author of the Corn Tracts had already concurred. According to the principles of Mr C. Smith, [Tracts, 18], we may now estimate the whole consumption of England, and Wales, which, the enumeration has assured us, contain 9,330,000 persons.

	Quarters.
Bread corn, at one quarter each,	- - - 9,330,000
Corn made into drink	- - - 4,665,000
Corn for cattle, poultry, &c.	- - - 4,665,000
 The total of home consumption	 - - - 18,660,000

ven into villages; the villagers have been forced into towns; and the townsmen have been enticed into cities: while the cottagers remained in their hamlets, and the villagers in their vicinages, they derived much of their subsistence from the soil, whereon they lived: when they became townsmen, and citizens, they ceased to be partly suppliers, and began to be altogether consumers.

We owe much of this disadvantageous change to our modern system of agriculture. This system, as it has been long practised, has produced the most calamitous effects, without effecting all the salutary consequences, for which it is celebrated. By consolidating farms to an enormous extent; by forcing cottagers from their hamlets; by pretending to make much profit with little labour; the agricultural system has depopulated, and is depopulating the shires, wherein it prevails. This evil, in our political economy, has been long suspected; it is now certain. There is not a proposition, in the mathematics, that is more demonstrable, than the position, that the agricultural system depopulates the country.* The agricultural system attempts to ape the manufacturing

* The enumeration of 1801, among a thousand other informations, evinces the truth of that position:

	No. of Houses in 1690.	Ditto. in 1801.	Decrease.
In Bedfordshire	12,170	12,073	— 97
Cambridgeshire	18,629	16,451	— 2,178
Essex	40,545	39,398	— 1,147
Huntingdon	8,713	7,072	— 1,641
Lincoln	45,019	42,489	— 2,530
			Ner.

system, which has a quite different tendency. The great aim of the manufacturing system is to produce a better commodity, at a cheaper rate. The constant effect of the agricultural system is to produce a worse commodity, at a dearer rate. While peers sink into peasants; and peasants rise into peers; the great body of the people is pining in want: This shows, that *there is something rotten, in the state of Denmark.*

There may be politicians, indeed, who, considering money, as the chief end of all policy, may think, that forcing the cottagers into towns, and the villagers into cities, is a good to be desired, rather than an evil to be deplored. Yes, we have had statesmen, who laid it down, as a maxim, that

Norfolk - - - -	56,579	—	49,140	—	7,439
Rutland - - - -	3,661	—	3,361	—	300
Suffolk - - - -	47,537	—	32,805	—	14,732

These are all agricultural counties: and, the diminution of the numbers of their houses, during the intervening period, is a sad demonstration how much the agricultural system tends to depopulate the counties, which are comprehended within the circle of its unhappy influence. An equal number of the shires of Scotland, which have been the most improved, by agriculture, have been, in the same manner, depopulated. The ministers of many parishes, in North Britain, point out, in their statistical accounts, the consolidation of farms, the sheep-farming, the driving the people from the hamlets into towns, as the obvious causes of the depopulation of their several parishes. Yet, see the "Observations "on the Results of the Population Act 41 Geo. III." which, from different documents, lead us to very different conclusions.

modern war is merely an affair of expense. The wealthiest nation, it was naturally presumed, would ultimately be the most triumphant ; and final victory was supposed to be appended to the weightiest purse. We have lived, however, to see a nation arise, who could make conquests, without money ; as, indeed, history had, already, recorded the conquests of poverty over riches. Europe has recently seen, that our wealth could not obtain warriors. And we were driven by necessity, or were induced by wisdom, to intrust the safety of our island to the virtuous spirit of our people. Where is that illustrious regiment, which overthrew the invincible phalanx, to find recruits, if sheep be driven into our northern glens, as a more valuable animal than the human race ? Where shall our armies obtain the hardiest levies, if the villagers be forced into cities ? We may now perceive, that money cannot buy men ; that men are of more value than money : the policy, then, which regards riches, as the chief good, must end in the ruin of the state : and that statesman, who should consider the Exchequer, as the only object of his care, would soon be without an Exchequer to care for. From those intimations, we may infer what must be the attentions of the wisest government of the wisest people.

As I have been asked my opinion, with regard to scarcity, the past, and the future, I will submit my judgment upon this interesting subject. During the war, and the dearth, I was silent, though I did

not always approve of what was done, or said. Now, that we have the confirmation of experience, I will freely deliver my sentiments, which, to those, who may not recollect, that I am not writing, for any party, will, perhaps, appear to be contradictory. It is necessary, in the first place, to lay before the reader, a *Statement* of the *Prices of Wheat*, according to the audit book of Eton College, from from 1685, to 1771, and from this year to 1801, according to the average of the Eton prices, reduced, however, to the statute quarter, and to the middling quality, and of Mr Catherwood's prices of England and Wales ; of the excess of Exports and Imports of Corn from the year 1696, to 1800, inclusive, including Scotland, after the Union; together with the bounties, which were paid, during the several periods, wherein bounties were given: The bounties of the three years, ending with 1691, and those of the five years, ending with 1696, were computed at only the half of what the bounties amounted to, in the subsequent years, when the prices of corn were the same.

A TABLE;

A TABLE; showing the Average Prices of *middling* Wheat, per statute quarter; the Average Excess of the Exports of every sort of Corn, Flour, and Meal; the Average Imports of the same; and the whole Bounties paid on the Corn exported, during the Years of the several Averages:

PERIODS.	The Prices of Wheat per stat. qr.	The Excess of Exports.	The Excess of Imports.	The Bounties paid.
3 years Average, ending with 1688	s. d.	Quarters.	Quarters.	L.
	27 4	—	—	None.
3 years do. ending 1691	26 —	—	—	66,600
5 years do. ending 1696	47 9	—	—	60,000
5 years do. ending 1701	42 8	139,866	—	26,773
6 years do. ending 1707	25 11	289,304	—	310,087
4 years do. ending 1711	49 9	299,367	—	192,533
4 years do. ending 1715	37 8	453,986	—	288,501
4 years do. ending 1719	33 1	485,852	—	248,192
5 years do. ending 1724	28 10	532,732	—	388,904
5 years do. ending 1729	37 7	216,643	—	286,829
5 years do. ending 1734	25 9	468,844	—	445,496
5 years do. ending 1739	30 10	597,462	—	576,550
5 years do. ending 1744	28 7	446,378	—	396,941
5 years do. ending 1749	27 9	932,593	—	775,137
5 years do. ending 1754	30 5	1,080,077	—	964,940
5 years do. ending 1759	36 2	273,805	—	354,932
5 years do. ending 1764	30 7	676,117	—	703,170
5 years do. ending 1769	43 2	—	233,184	156,505
5 years do. ending 1774	47 9½	—	276,206	24,036
5 years do. ending 1779	40 9	—	290,595	193,225
5 years do. ending 1784	45 9½	—	185,906	167,764
5 years do. ending 1789	43 3	—	198,716	268,148
5 years do. ending 1794	47 2	—	1,145,584	106,544
5 years do. ending 1799	63 5½	—	1,191,131	198
The one year - 1800	113 4	—	2,259,379	7,000,045

The epoch of the *bounty* on corn is 1689. In my copy of the Statutes, the bounty is called a *teward to persons exporting* corn *. The price of middling wheat, at that epoch, according to a five years average, ending with 1689, was 28s. gd. a statute quarter. A long period of fine seasons had reduced the market value to that low price. And this low price, and those fine seasons, induced the parliament to pass the before-mentioned act, "for encouraging the exportation of corn;" when wheat should be at 48s. or under. The value of money was, at that epoch, in the ratio of 226, in 1689, to 582, in 1800 †; and, of consequence, 1l. in 1689, had as much power over the necessities of life, as 2l. 9s. 8*½*d. had, in 1800.

The fine seasons did not continue long. The seasons, however, were so far favourable, in 1690, and 1691, as to reduce the prices below the average of 28s. gd., notwithstanding the bounty, and the act encouraging exportation. The seasons changed from good to bad, in 1692; and continued extremely unfavourable till 1702, when the price fell below the average of 28s. gd. Those times were long remembered, as the *dear* years of the Revolution, when the price of *middling* wheat rose to 56s. the *statute* quarter, in 1696. We have had no such scarcity, and dearth,

* 1 Wm. & Mary, ch. 12.

† See Sir George Shuckburgh Evelyn's interesting, and important, *Table of the appreciation of money*, in the *Transactions of the Royal Society*, 1798, p. 176.

during late times. The fine seasons returned in 1702, and continued till 1708. Two, or three, unfavourable seasons carried up the prices of wheat to 6s. in 1709, and to 6s. 7d. in 1710. The high prices of 1800, considering the depreciation of money, were not so high, as those of 1709 and 1710. A long course of favourable seasons now succeeded; and continued, with very little interruption, till 1756 and 1757, when the price of middling wheat rose to 47s. 4d. the statute quarter, which, having a regard to the depreciation of money, was still under the low price of 1689. At length clamour, and tumult, began; which have continued, during bad seasons, till the present times.

Some insist, that the bounties have fructified our fields: some, that they have not prevented the return of bad seasons, nor benefited our farmers, in good seasons. The late Dr Adam Smith maintained that, without benefiting the farmers, the bounty did harm, to the great body of the people, in two respects; it raised the price, in the home market; and it transferred vast sums of money, at the most distressful times, from the purses of the consumers, to the pockets of the jobbers.* The Reverend John Howlett, with as sound a head as Doctor Smith, and more facts before his eyes, cannot see “the beneficial operation of the bounty.”† There is a cu-

* *Wealth of Nations*, v. ii. p. 266.

† *The Dispersion of Gloomy Apprehensions*, 1797, p. 22.

rious circumstance, which neither of those quick-sighted writers, distinctly, saw: Till the corn act of 1791, there was no proper mode prescribed, by law, for ascertaining the prices of grain.* The customers, who computed the bounty, at the custom-house; and the brokers, who received it, understood each other: but, neither the growers of corn, nor the consumers, knew the prices of grain, except the price of the narrow market, wherein they dealt. Neither did the king, and parliament, during former reigns, know the general prices of grain; except from the noise, and tumult, of the needy: Now, those facts, not only confirm the reasonings of Smith, and Howlett, but evince, that the bounty went, directly, from the pockets of the consumers into the purses of the brokers, yet without benefiting the growers. From the first establishment of the bounty till its recent cessation, owing to natural causes, upwards of seven millions of money have been paid by the public, not for a *good* purpose, but for a *bad* purpose. It has, moreover, created a continued contest, by a struggle, between avarice, and want. And, to the scandal of the better judgment of the nation, a *probable good* has been allowed; for more than a century, to outface two *positive evils*: the *probable good* was the supposed fructification of our fields: the two *positive evils* were the payment of seven millions of money, for:

* The register of corn prices began, indeed, in 1771; but, it was inadequate to its end.

making corn dearer in the home market, without contributing to the manurance of the soil. *

The struggle, and perseverance, in promoting the export of the produce of agriculture, in former times, appears quite wonderful to the harassed eyes of the present days. The dear years of the Revolution began, in 1692. The prices of grain rose to the greatest height, in 1696. They continued very high till 1699, when they began to abate, till the better seasons returned, in 1700. The export of corn was prohibited, in 1699, for one year. † The bounty was, soon afterwards, withdrawn, from the 9th of February 1699, to the 20th of September, 1700. ‡ And, the duties, which were payable on the export of victual was repealed, for ever, in 1700. § From those facts, it is apparent, that the king, and parliament, in those days, either did not

* By the corn act of 1773, the original bounty price of 48s. a quarter of wheat was reduced to a rate under 44s.; and this reduced rate was continued by the corn act of 1791. But, the 20 Geo. III. ch. 31, seemed to introduce a new principle, when it allowed only one half of the bounty on corn, exported in neutral ships.

† By 10 Wm. ch. 3. By 10, 11, Wm. ch. 4. the distillery was stopped, for a season.

‡ By 11 Wm. ch. 1.—All those alleviations came, after the evil day had passed.

§ By 11, 12, Wm. ch. 20.—During that reign, too, there was passed “An Act for the encouragement of the breeding and feeding of cattle,” 3 Wm. & M. ch. 8. The great ob-

know the state of the prices, or did not feel, for the miseries of the poor, with the same pungency, as the king, and parliament, feel at present. The years 1709, and 1710, were times of greater dearths, though perhaps of less calamity, than those of king William's reign. The only anodyne, which was applied, in those two years, was the measure of preventing the export of corn, for one year, without withdrawing the bounty.* There was very little grain imported, during those two periods of severe dearths. And, this fact seems to evince, that the prevailing passion for export, on both those sad occasions, drove the consumers to rigid economy, which, generally, is the best resource.

A long course of favourable seasons prevented the return of dearth till 1740, which was not comparable to the dear years of king William, and queen Anne. The export of corn was, however, stopped, in 1741. The same measure was adopted, in 1757, when a worse season, in the preceding year, occasioned a louder outcry, and greater tumult. The outcry, and the tumult, and the alarm, rose to a greater height, during the unfavourable seasons of

ject of this encouragement, which was given at the commencement of the dear years, consisted, in taking off the duties on the *exportation* of all the products of agriculture. I do not observe, that any measure was taken, during the nine years of want, to stop the exportation, or to repeal this act, giving a reward, for raising the prices of the products of agriculture, in the home market.

* By the 8 Anne, ch. 2.

1765, 1766, 1767, though neither the nominal, nor the real, prices of victual were equal to those of the times of queen Anne, or king William. It was this clamour of contradiction, which induced ingenious men to attribute the apparent prices, and subsequent distress, to *the depreciation of money*. Montesquieu, and Hume, had already talked of the effect of riches, and luxury, upon the necessities of life. But, it was Soame Jenyns, who long sat at the Board of Trade, who professedly inculcated, “that the present high price of provisions “[1766] arises, principally, from the poverty of “the public; and the wealth of individuals.”* But, as he knew not how to calculate the depreciation of money, he was unable to apply it, specifically, to his point.

The passion, which had so long contrived *ways and means* for *exporting* the necessities of life, was at length met, by a contrary passion. And, from 1766, to 1773, encouragements were, continually, offered, for the importation of the necessities of life.† This importation, and that passion, continued to the present times. The year 1796 is the

* In his *Thoughts on the Causes, and Consequences, of the present high Price of Provisions*; Dodsley, 1767, 8vo. He was, immediately, answered, by a pamphlet, abusing all the servants of the public, who were the very persons, that suffered the most, from *the depreciation of money*.

† By the various acts of parliament, in those times. The obvious change, in the current of the corn trade, may be traced back, not only to the bad seasons, but to those parliamentary acts.

epoch of the bounty on the *importation* of victual.* This first essay cost the nation 565,802l. The unfavourable seasons, and the continued fright, gave rise to greater, and more various bounties, on the *importation* of victual. † This second essay has already intercepted, in its course to the exchequer, no less than 1,251,479l. Of victual there were imported, in 1800, as we have seen, 2,259,379 statute quarters. Such are the effects of carrying policy to extremes: in one period, *exportation* was too much rewarded: in another, *importation* was too much forced. The people—

—“Feel by turns the bitter change
“Of fierce extremes, extremes by change more fierce.”

In the mean time, something like a *corn system* was adopted, in 1773, by regulating the export, and import, of grain, according to given prices. ‡ Yet, was that system said “to be founded on radical mistakes.” § During the subsequent eighteen years, the *corn laws* were involved, in a complete chaos. The ablest lawyers in England could not say, distinctly, by what law the exports, and imports, of grain were to be regulated. In this state of legal anarchy, a great statesman undertook the arduous task, of drawing order, from

* 36 Geo. III. ch. 21.

† 39, 40 Geo. III. ch. 29. 41 Geo. 3. ch. 10.

‡ 13 Geo. III. ch. 43.

§ Mr Young's Pol. Arithmetic, p. 40.

from confusion. All the elaboration of diligence, and all the wisdom of experience, were now employed, in forming the Corn Act of 1791.* Yet, alas! what is the wisdom of the wise. A continued succession of unfavourable seasons has rendered nugatory the judicious regulations of that systematic law.

During more than half a century, we have been stunned with controversy about *the corn laws*, which seem to be abrogated, by a higher power than parliament. “The grand, and leading, error, “upon this subject, seems to be,” says the Rev. John Howlett, “that we ascribe too much to hu-“ man contrivance; and too little to providential “superintendance.”† When this able man made this deep remark, he had before him many facts. When the late Dr Smith argued this question, he could only see, with systematic eyes, *the disparagement of silver*. After viewing the whole operation of the corn laws, with a very acute intellect, Mr Howlett ‡ “thought it manifest, that the va-“rious changes in our *corn laws* are so far from “having been the only, or even any considerable, “cause of the decrease of our exports (of corn), “that there is no necessity for supposing, they have “been any cause at all.” With this opinion, I

* 34 Geo. III. ch. 30. This act, however, was not, finally, passed, as it had been, originally, proposed.

† His Dispersion, 1797, p. 21.

‡ Id.

concur. After a long consideration of the *corn-accounts*, which were printed by order of parliament, in November 1800, and weighing collateral circumstances, it appears to me, that the seasons, either good, or bad, have been the efficient causes of plenty, or scarcity, from the epoch of the exportation bounty to the present times. After fully considering this interesting subject, the series of corn-laws appeared to me, like continued attempts to regulate the seasons. In the weighty consideration of supplying the necessities of life, there are two points, which are beyond the power of parliament: the legislature cannot regulate the course of the seasons; neither can the legislature control the subtle, and silent, depreciation of money, which seems to have the all-powerful force of *steam*: the effect of unfavourable seasons may be mitigated, by the best system of agriculture: the unhappy influence of the depreciation of money may be mollified, by the rigid economy of individuals,

Thus much, then; with regard to *the bounty*, and to *the corn-laws*: I will now speak of the recent dearths, which proceeded from various causes. The principal cause was, undoubtedly, a long series of unfavourable seasons. We have, as I have already shown, not only a greater number of people to feed; but a greater number of opulent, and wasteful people to feed; owing to the favourable change in the circumstances of a great many of the lower orders. In the mean time, the whole

necessaries of life were sold upon the principles of *concert*. From Cornwall to Cathness, there is, perhaps, an understanding among the sellers, who never forget, that the consumers are wholly in their power. And, by means of this understanding, and of that concert, there is not a free market in Britain, where the balance of supply, and demand, can vibrate, without the interruptions of avarice. Some of those evils have been attributed to the banks. It has been urged, that the paper of the bank of England has greatly contributed to raise the prices of corn, and cattle. The abstract position is obviously absurd: and, the arguments, which have been given, in support of that absurdity, I have always considered, as nonsensical. If it had been argued, that the discounts of the bank promote circulation; that circulation encourages industry; that industry energizes agriculture, manufacture, commerce; that all these create wealth; that wealth engenders luxury; that luxury creates consumption; and that consumption affects the prices; I should have admitted these several deductions to be so many *truisms*: But, it is not true, in point of fact, that the paper of the bank of England ever comes into direct contact with prices, though they may, after a long course of circulation. It seems; however, certain, that the country banks furnish *accommodations* to farmers: yet, have not farmers the same right to the benefits of *accommodations*, as merchants, and other tradesmen, have, to dis-

counts, and advances, and other commercial resources? The talk about paper-money, on this occasion, is only an outcry, that we are an opulent, and free-spending people!

Whether the late war has had any great influence on prices, has been doubted by some, and denied by others. There is, scarcely, a paradox, that some philosophers have not maintained. Some of our political economists have closely followed their tract, in the paradoxical march. One truth is clear: it was not the *word* war, nor the *thing*, which raised the prices, in the domestic market: but, our fleets, and our armies, have wasteful mouths, that must be supplied: and when the public agents go into the market, with urgent demands, the prices must necessarily rise; since the price is governed by the demand, and the supply. If there should be an additional demand, and a less supply, during seasons of scarcity, the public agents must, undoubtedly, raise the prices, in a high degree. But, some other effects of war contributed to enhance the prices still more. When the assessed taxes, and the income tax, were collected, the suppliers of the necessities of life contrived to impose their proportion of those taxes on the consumers, in the prices of the necessary articles. Thus, do the consequences of the war affect the consumers, during the enjoyment of peace. The subjoined account will illustrate still more the foregoing obscure but important subject.

A STATEMENT of the Quantity of Wheat, and Wheat Flour,
and of Grain of all sorts, which were imported into Great
Britain, from the year 1775, to 1810; with the Annual
Average of each Twelve years.

Years.	Wheat and Wheat Flour.	Total of all sorts.	Annual Aver-
			age.
From 1775 to 1786	Quarters. 2,149,170	Quarters. 6,772,954	Quarters. 564,413
From 1787 to 1798	3,894,814	13,633,212	1,136,101
From 1799 to 1810	8,327,579	17,004,031	1,417,003

Those intimations lead to a slight consideration of the depreciation of money. The mean appreciation, from 1689, the epoch of the export bounty on corn, to 1800, is, in the ratio of 226 to 562, nearly: * now, the result is, that 1l. in 1689, had as great a power over the necessaries of life, as 2l. 9s. 8½d. had, in 1800. From the same appreciation, there is another result. According to a five years average, ending with 1689, the price of middling wheat, per statute quarter, was 1l. 8s. 8½d.: now, this sum had as great a power over the necessaries of life, as 3l. 11s. 5d. in 1800: and the average price of five dear years, ending with 1799, was only 3l. 3s. 5½d.: so that this high price of five dear years, was not so large as the low price of middling wheat, in the five

* See Sir George Shuckburgh Evelyn's *Table of the Appreciation of Money*, in the Transactions of the Royal Society, 1798, p. 176.

plentiful years, ending with 1689. From the foregoing results, we may infer, that the dear years of recent times were not equal in dearness, and misery, to the dear years of a century before. The depreciation of money, according to Sir George Shuckburgh Evelyn's table, from 1696 to 1800, was in the ratio of 234.52 to 562, nearly: so that 1l. in 1696, was equal, in power, to 2l. 7s. 11d. in 1800: and, of consequence, the average price of wheat, in the very dear year 1696, was equal to 6l. 14s. 2d. in the very dear year 1800. The depreciation, according to the same curious, and important, *table*, from 1710 to 1800, was in the ratio of 247 $\frac{1}{2}$ to 562, nearly: so that 1l. in 1710 was equal in energy to 2l. 5s. 5d. in 1800: now, the average price of the quarter of middling wheat, in 1709, was 3l. 2s., which, in power over necessaries, was equal to 7l. 0s. 9 $\frac{1}{2}$ d. in 1800. It is, therefore, demonstrable, that the dearness, and distress of recent times, were not equal to the dearness, and distress, of the several reigns of king William, and queen Anne. Under Providence, we owe the favourable difference of late times to the better state of our agriculture; proceeding from that gradual progress of improvement, which has been traced, during the two last centuries; and which has doubled in its progress, during the present reign, and has redoubled its many meliorations, during the last six and thirty years.

This subject of the *depreciation of money* is so

interesting to the state, to the governed, as well as to the governors; that I will presume to exhibit it, in a different light. By a parliamentary arrangement, in 1760, the civil list revenue was compensated, by an annuity of 800,000l.; his Majesty having graciously offered to relinquish his hereditary revenues, in consideration of an equivalent. It is a parliamentary principle, which has been long settled, that whoever, whether the prince, or the peasant, relinquishes any rights, for the benefit of the public, shall receive a full compensation. On that principle, was the said annuity of 800,000l. settled, by parliament, on his Majesty, in lieu of his hereditary revenues *. Upon that annuity, the depreciation of money at-

* I Geo. 3. ch. 1. The historian of our revenue does not distinctly state that arrangement, which comprehends the royal grace, and the parliamentary engagement. The learned Baronet, however, recapitulates the various sums, which, from time to time, have been paid, in supplementary aid, of the civil list; and, at length, infers, that the total, during the space of twenty-eight years, amounts to 923,196l., *per annum*. Hist. of the Public Revenue, vol. 3. p. 72. But, the historian seems not to have perceived, that the depreciation of money was outrunning the annuity; and he did not ascertain, by computation, that 923,196l., in 1786, were not equal, in power of purchase, to 800,000l., in 1760: in fact, according to the Table, and the principles, before mentioned, an annuity of 800,000l. was equal, in its energies, during the year 1760, to an annuity of 1,097,976l., in 1760; and to 1,314,620l., in 1800. Now, the Mathematics cannot be outfaced by confidence, nor outargued by declamation!

tached, as it equally attaches upon all other annuities. It was found necessary, therefore, in 1777, to bring the arrears of the civil list before the parliament, for its just consideration. The civil list debt was paid: and the said annuity was enlarged to 900,000l., without any very minute calculation, whether 900,000l., in 1777, had the same power over the necessaries of life, as 800,000l. had, in 1760 *. The depreciation of money, from 1760 to 1800, according to the important *Table*, before-mentioned, was in the ratio of 342 to 562: so that 1l. in 1760, could command as many of the necessaries of life, as 1l. 12s. 10d. in 1800: and, consequently, an annuity of 800,000l., in 1760, was equal, in its faculties, to an annuity of 1,314,620l., in 1800. Such, then, are some of the effects of the depreciation of money, which, as they are subtle, and silent, cannot be easily foreseen, and cannot be wholly prevented. Such also were some of the effects of the sixth great war, in which Britain has been engaged, since the Revolution of 1688. It is one of the principal objects of the foregoing Estimate to state the losses of her trade, from each of those wars. And, we have beheld, with wonder, and comfort, that our shipping, and commerce, have been invariably more extensive, at the return of each successive peace, than during each preceding period of tranquillity.

* In fact, according to Sir George Shuckburgh Evelyn's *Table*, an annuity of 800,000l., in 1760, was equal in power to an annuity of 968,421l. in 1777.

It has been observed, also, that in proportion as the people of the British dominions became more enlightened, more industrious, and more opulent, they equally became more able to meet the misfortunes of business, and to bear the embarrassments of war.

The events, which occurred during the late war, as well as, in the period preceding, are proofs of that position: It must, indeed, be allowed, that individuals, and classes, were pressed down, by inequalities, which, however unable they are to bear burdens, cannot easily be foreseen, nor always avoided: The first effects of war, in our happy island, which never feels the ravages of the foe, are new debts, and additional taxes. Every year of hostilities brings with it some fresh loan, with appropriate subsidies, to fund it. But, it will answer, sufficiently, our present purpose, since the war ended, in October 1801, to give a general view of the financial result, from that long course of hostilities, as it affected the burdens, and comforts of the people. The whole amount of the public expenditure of *Great Britain*, during the *ten* years, ending on the 5th of January 1803, and comprising the whole period of the war, which was terminated by the *peace of Amiens*, may be stated at 503,378,540l.; whereof 178,520,454l. arose from the charge of the funded, and unfunded debts of the state, and 324,858,086l. from all other services: About 241,909,953l. were raised by the ordinary revenue, and incidental payments of various kinds; about 32,679,000l. were raised by extraordi-

nary war taxes; there were provided 220,095,607l. by additions to the funded debt of the public; 3,000,000l. by an advance from the Bank, without interest, in consideration of the renewal of its charter; and 3,000,000l. advanced by the Bank, in 1798, whereof 1,500,000l. were repaid, in 1803. Such were the provisions, for the vast expenditure of the war of 1793, which ended, in October 1801! But, it is of great importance to remark that, if the sum, which was raised by the war taxes, previously to the peace, had been added to the loan of each year, a further charge would have been incurred of 48,678,000l. capital stock, and 1,850,000l. annual charge, at the rate whereat such loans were actually raised, in every year: and if such loans, so augmented, had been raised, at the average rate of the three years, which immediately preceded the imposition of such war taxes, a further charge would have been incurred of 15,296,000l. capital stock, and of 1,812,000l. annual charge; making in the whole an addition of 63,974,000l. capital debt, and 3,662,000l. annual charge, which must have been raised, by permanent taxes. It is not easy to settle, whether the minister, who proposed those war taxes, which were so important to the nation, or the Parliament, who adopted them, or the people, who bore them, be entitled to the highest honour.*

* It may gratify a reasonable curiosity to see a comparative state of the prices of the 9 per cent. consols, in T each

Of public debts, whether funded, or unfunded, the true anodyne is a sinking-fund. This remedy has existed, in our *Dispensary*, since the year 1716, by the original appropriation of 323,434l. Yet, has not this anodyne always been administered with the attention, and success, which were due to its efficacy. The powers of a sinking-fund, however recommended by publication, were almost forgotten, when it was adopted, as we have seen, under happier auspices, at the end of seventy years. † A sinking fund of 250,000l. a quarter, was settled, by law, in 1786. The energies of this quarterly sum was strengthened, in 1792, by a grant of each month of the four following years; comparing two years of previous peace, with two years of subsequent war:

	Peace.		War.	
	1784	1785	1800	1801
January.....	55 $\frac{6}{7}$	55 $\frac{3}{7}$	62	59 $\frac{4}{7}$
February.....	56 $\frac{4}{7}$	55 $\frac{6}{7}$	61 $\frac{5}{7}$	56 $\frac{1}{7}$
March.....	58 $\frac{1}{7}$	55 $\frac{2}{7}$	63	56 $\frac{4}{7}$
April.....	58 $\frac{6}{7}$	56 $\frac{3}{7}$	63 $\frac{7}{7}$	59
May.....	58 $\frac{5}{7}$	58 $\frac{2}{7}$	64 $\frac{3}{7}$	60 $\frac{6}{7}$
June.....	58 $\frac{4}{7}$	57 $\frac{7}{7}$	64 $\frac{3}{7}$	60 $\frac{6}{7}$
July.....	57 $\frac{2}{7}$	57 $\frac{4}{7}$	63 $\frac{6}{7}$	59 $\frac{7}{7}$
August.....	56 $\frac{2}{7}$	57 $\frac{7}{7}$	63	59 $\frac{7}{7}$
September.....	55 $\frac{4}{7}$	58 $\frac{7}{7}$	65 $\frac{6}{7}$	59 $\frac{1}{7}$
October.....	54 $\frac{7}{7}$	63	64 $\frac{6}{7}$	67 $\frac{1}{7}$
November.....	55 $\frac{5}{7}$	68	64 $\frac{1}{7}$	67 $\frac{7}{7}$
December.....	55 $\frac{2}{7}$	71 $\frac{5}{7}$	62 $\frac{7}{7}$	67 $\frac{7}{7}$

† See before, p. 180—183.

400,000l. ; and to this great addition was super-added, in every subsequent year, 200,000l. At the end of the sixth year it had, with these helps, acquitted, for the state, of public debts to the amount of 9,441,850l. It had thus outrun, in this short period, the calculations of malignant science 2,649,237l. The objection to those salutary measures, which struck the apprehensions of men the most, was the intimation, that the first distresses of war would convert the sinking-fund into one of the *ways and means* of the year. This apprehension was removed, by a parliamentary declaration, in 1792, that every new loan, in future, should carry its own sinking-fund along with it.* The sinking-fund had now shown its energies ; the people had felt its benefits ; and the Parliament had wisely augmented its powers, and provided for its continuance.

The hostilities of 1793, as they demanded a new loan, also created, under the late declaration, a new sinking-fund. In the same manner, every loan, during that war, was accompanied by its own provision, for its repayment. The world now saw great examples of the privations of the people, and of the magnanimity of Parliament, in adhering to previous engagements, for supporting public credit. The publicity of all those measures added much to their

* By the act 32. G. III. ch. 55, which invigorated the 26. G. III. ch. 31 ; and which strengthened the old, by laying the foundation of a new sinking-fund.

success. The public debts were, from time to time, computed, and ascertained. The applications of the sinking-fund, its past appropriations, and future powers, were inquired into, by a parliamentary committee. At the epoch of that inquiry, in 1797, it was found that,

The *old* sinking-fund of 1786

amounted, yearly, to - - L.1,941,320 6 2

The *new* sinking-fund of the

war, to - - - - -	1,418,479	0	0
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The amount of both to	L.3,359,799	6	2
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The *first* was then operating
on the old debt of - - -

L.240,000,000.

The *second* was operating on
the new debt of - - - -

130,665;896.

It now became apparent, from calculation, that the *old* sinking-fund, with all its supplementary aids, had less power of redemption over the *old* debt, than the *new* sinking-fund had over the *new* debt. And, it was equally demonstrable, that the whole debt of 240,000,000l., might possibly be redeemed, in thirty-three years, from the 1st of February, 1797; and could not be of longer redemption than fifty-four years, from the same epoch.*

* The Report of the Finance Committee, printed the 31st of March, 1797.

The encouragements, arising from those intimations, seem only to have created desires of giving more energies to powers, which were already powerful. The *income tax* was granted, in 1798, as a *contribution, for carrying on a necessary war*: * a similar *income tax* was granted, in 1799, but on different principles, and with dissimilar views. † At the same time, and with analogous purposes, the land-tax was sold; and the purchase money was transferred to the redemption of debts. In this manner, was created, a *third sinking-fund*, which, in its energies, was still more powerful, than either of the former. By the redemption of the land-tax, 21,147,888 stock were transferred to the commissioners of the sinking-fund, who thus acquired the dividends, as the efficacious means of buying additional debts. By an obvious departure, from its original design, the *income tax* was dedicated to the payment of 56,445,000l. from the conclusion of the war, in 1801, to the end of the year 1811: this, then, is a sinking-fund of 5,644,500l. a year, for ten years. ‡

By those various operations, since 1786, for the speedy diminution of the national debts, the effects have been as great, as wise men foresaw, from the energies of such powerful machinery. Before the 1st of February, 1801, there had been redeemed of

* By 38 G. III. ch. 16.

† 39 G. III. ch. 13.

‡ Com. Journ. 22d June, 1801.

the old debt 52,183,364l., and of the annuities 123,477l.; whereby the principal of the old debt had been reduced from 238,231,248l., to 186,047,884l., and the annuities to 1,250,073l. And, before the 1st of February, 1804, the sink-fund commissioners had redeemed, of the *whole* debt, 100,901,854l., the dividends whereof, continually, form new means of redemption. The sinking-fund, in 1786, was about 1,238th part of the capital permanent debt; the sinking-fund, in 1793, was about 1-160th part of the same debt; and estimating the sinking-fund, in 1801, at 5,500,000l., this amount would be about 1-73d part of the permanent debt, in 1801.* The sinking-fund, in 1804, may be estimated at nearly 6,500,000l. There fell in to the same fund, by the gradual effluxion of time, on the 5th of January, 1808, annuities for years, exclusive of annuities for lives, amounting to 458,409l. 18s. 1d.† As an account, between the exchequer, and the stock-exchange, this is a very splendid statement, which does high honour to the wisdom of the parliament, and to the patience of the people.

The general result of all those financial operations, may be comprised in the *subjoined STATE* of the public debts of Great Britain; of Ireland; of the Emperor of Germany; and of the Prince Regent of Portugal; which are all payable, in

* Com. Journ. 22d June, 1801.

† Finance Report, 1786, App. No. 5.

Great Britain ; as the same stood, on the 1st of February, 1810 :

	THE PRINCIPAL DEBTS.			ANNUAL CHARGE,		
	Unredeemed.	Redeemed.		L.	S.	D.
The Debt of Britain	541,957,854	3 7½	157,067,448	29,977,582	11	6½
of Ireland	47,100,034	0 0	6,593,966	2,339,933	3	10½
of Germany	6,482,108	6 8	1,020,525	495,930	18	4
of Portugal	873,860	7 9	21,662	57,162	15	7½
The total - - -	596,413,856	18 0½	164,703,601	32,870,609	9	4½

N. B. The annual sum, or *sinking fund*, which was applicable to the reduction of the above debts, at the 1st of February 1810, amounted to 11,350,938*l.* 18*s.* 10½*d.* : The same *sinking fund* amounted, at the publication of this work, to upwards of 12,000,000*l.* Sterling a-year : Such a *sheet anchor* no other country can enjoy !!

During all those operations of finance, and of war, the gains of our enterprizing people were beyond calculation, however the unproductive classes may have suffered, from the depreciation of money, and the pressures of taxation. Our commerce became more than double to its greatest extent, during the happiest years of previous peace. We added, meantime, many ships to our ancient stock. And, above all those inducements of comfort, we improved the surface of our island, during the pressures of war, and the infelicities of seasons, far beyond the greatest enterprizes of the most prosperous times ; as we have already seen from the statute-book. We have already per-

ceived, that upon the return of every peace, after a long course of hostilities, our commerce flows, with unwonted abundance, and our shipping move, with augmented numbers. What had always happened, at the conclusion of every former war, occurred again, at the return of peace, in 1801: And, we never had so many shipping, and such numerous cargoes, as we advantageously enjoyed, in 1802; as the subjoined details will clearly evince, by a retrospective comparison: There were,

Average of Years. Ships cleared outwards from England:

In 1772 }	Tons Eng.	Tons foreign.	Total	Val. of Cargoes.
1773 }	799,341 -	63,337 -	862,678 L.	15,613,003
1774 }				
1790 }				
1791 }	1,329,979 -	163,778 .-	1,493,757 -	21,331,497
1792 }				
1801 -	1,190,557 -	767,816 -	1,958,373 -	34,942,355
1802 -	1,465,387 -	435,591 -	1,900,978 -	38,809,108
1803 -	1,245,560 -	543,330 -	1,788,890 -	29,385,273
1809 -	1,318,508 -	674,680 -	1,993,188 -	45,918,663

Add to the above the shipping and exports of Scotland :

1772 }	Tons Eng.	Do. Foreign.	Total.	Val. of Cargoes.
1773 }	100,290 -	3,106 -	103,396	L. 1,515,026
1774 }				
1790 }				
1791 }	169,126 -	5,906 -	175,032 -	1,254,275
1792 }				
1801 -	155,064 -	37,064 -	192,128 -	2,844,502
1802 -	161,579 -	26,132 -	187,711 -	2,602,858
1803 -	207,506 -	31,212 -	238,718 -	2,053,222
1809 -	212,644 -	25,070 -	237,714 -	4,383,100

The whole number of ships, in the British dominions, which was registered,

on	Ships.	Tons.	Men.
Sept. 30, 1792, was	16,079	1,540,145	118,286
Sept. 30, 1802, - -	20,568	2,128,055	154,530
The intermediate increase - }	4,489	587,910	36,244

Add to those statements the shipping registered,

on	Ships.	Tons.	Men.
Sept. 30, 1808 -	22,646	2,324,819	157,105
Ditto - 1809 : -	23,070	2,368,468	160,598

The Revenue of the Post-office, which has been justly regarded, as a supplementary proof of the prosperity of our trade, throughout the whole course of the late extended war, continued to yield abundantly, from the augmented correspondence; and it continued to yield still more, on the return of peace, from the increase of our trade, and the enlargement of our intercourse.*

* From the General Post-office, there were paid into the Exchequer,

in 1791	- L.325,500 ;	— in 1792	- L.340,484 ;
1793	- 384,000 ;	— in 1794	- 392,000 ;
1795	- 421,000 ;	— in 1796	- 442,000 ;
1797	- 500,000 ;	— in 1798	- 632,000 ;
1799	- 683,000 ;	— in 1800	- 699,000 ;
1801	- 716,000 ;	— in 1802	- 935,000.

Such, then, was the prosperous state of this country, at all those epochs of tranquillity, and of war, and of renewed peace, at the final conclusion of eight years of unexampled hostilities. Every intimation, indeed, evinces, that the resources of a nation, which possesses all the means of acquiring wealth, agriculture, manufactures, commerce, shipping, are almost inexhaustible. The vast wealth of Britain has been obtained, by industry, amidst wars, taxes, and debts. One of the great objects of this estimate is to trace the progress of all those; and to show their striking effects: And, the invigorating result is, that every war, as the experience of six long wars has demonstrated, left the people more industry, more manufactures, more commerce, and more wealth, than they enjoyed, at the commencement of each. Why, then, should *doubt* embitter the enjoyments of the present, or *apprehension* make us fear, for the success of the future. Thus, knowledge, gained by trial, and practice, may induce us to cry out, with the poet,

“ Britain, the queen of isles, our fair possession,
“ Secur’d by nature, laughs at foreign force :
“ Her ships her bulwark, and the sea her dyke ;
“ Sees commerce in her lap, and braves the world ! ”

C H A P. XIII.

The Peace of Amiens had a very short Duration.—The War of 1803.—The Strength of the United Kingdom, at that Epoch;—From its Consolidation, by the Union;—from its Populousness;—from the Number of its Fighting Men;—from its Shipping;—from its Navy;—from its permanent Revenue;—from its War Taxes:—Its Domestic Improvements:—Its Corn Trade.—State of England.—State of Scotland.

THE peace of Amiens, which had been desired by so many; which had been approved by the Parliament; and which had brought some respite to all; was, however, of the short continuance of a mere truce. The repose, short as it was, which it brought, was of great importance to the people, and the public. It was, certainly, an object of still greater moment, to satisfy all parties, from actual experience, that with such a nation, and such a government, it is impossible to preserve, for any length of time, any advantageous amity.

After a feverish truce of a twelvemonth, we were compelled, by necessity, to enter, in 1803, into the seventh great war, since the Revolution. After all the exertions of the long course of hostilities, which had just been closed, the nation was never

more able, or ardent, for the renewment of warfare. The islands of Great Britain, Ireland, Man, Guernsey, Jersey, and Sark, contained upwards of three millions of fighting men, who were animated by a sense of their rights, and their wrongs, and invigorated by freedom.

The population of Great Britain, as found by enumeration, in 1801, is - 10,961,881

Of which there is of

fighting men - - -	2,435,974
--------------------	-----------

The population of Ireland was estimated, during the union, at - - -	4,000,000
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The fighting men -	888,888
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The whole people of the United Kingdom in 1801 - - - - -	14,961,881
--	------------

Of whom the fighting men

are - - - - -	3,324,862
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The fighting men of the other isles	11,138
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The whole fighting men -	3,336,000*
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* The increased population of 1810 will give a still greater number of fighting men.—A more minute statement of the national force of Great Britain, appears from the general abstract of the subdivision rolls, so far as the same can be at present made up, from the returns transmitted to the secretary of state, in consequence of the General Defence Act, 15th February, 1804. The numbers,

In

The certainty, with which we now know all those satisfactory details, adds greatly to the efficient force of the State. During some of our former wars, as we have seen, the pertinacious disputes, with respect to our real population, greatly enfeebled our real powers. The triumphant end, which has been put to all those discussions, by actual enumeration, contributes greatly to our effective force, by the confidence of certainty. It had become a sort of maxim, that, money is the sinews of war. Yet, recent experience seems to demonstrate the fallibility of such sayings, in favour of those, who reasoned in a different manner. "I agree with "Machiavel," says the great Lord Bacon, in his *Advancement of Learning*, "in condemning "the opinion, that moneys were the sinews of "war; whereas the true sinews of war are the "sinews of mens arms, that is, a valiant, popu- "lous, and military nation."

In the 1st Class, effective, 444,086

2d Class, Do - 110,966

3d Class, Do - 174,109

4th Class, Do - 613,602

The total number effective ————— 1,342,763

Clergy, Licensed Teachers, Me-

dical Men, and Constables - 24,885

Infirm - - - - - 90,938

Voluntary Service - - - - 406,780

Enrolled in Parishes out of the

Counties - - - - - 2,822

Army, Mariners, Volunteers, Sea

Fencibles - - - - - 139,471

————— 549,073

When the statesmen on the continent saw, during the late war, that our money could not command armies, they, idly, supposed, that there was a limit put to our power, whatever our revenues might be. During the present war, the world has seen the nation, as one man, take arms, to defend their liberties, and avenge their wrongs. The statesmen, on the continent, must now behold what Lord Bacon wished to see, the kingdom, enjoying the true sinews of war, as *a valiant, populous, and military nation.*

The effective force of the whole was thus stated, in Parliament, on the 9th December, 1803 :

Volunteers in Great Britain - - - -	340,000
in Ireland - - - - -	<u>70,000</u>
<hr/>	
The Volunteers of both - -	410,000
The Officers - - - - -	<u>20,000</u>
<hr/>	
The whole - -	430,000
<hr/>	
The Regular, and Militia Forces,	
in Great Britain - -	130,000
in Ireland - - - - -	<u>50,000</u>
<hr/>	
The whole, Regulars and Militia - -	610,000
<hr/>	
The Sea Fencibles - - - - - -	<u>25,000</u>
<hr/>	
The whole Force - - -	635,000
<hr/>	
The Army of Reserve, which had not yet joined - - - - - - -	<u>27,000</u>
<hr/>	
The whole Land Force	662,000
<hr/>	

When to those numerous bodies of men are added 120,000 sailors, for navigating our fleets, with a productive revenue, for putting all those in motion, the world, perhaps, never beheld before so great a force.

That the numbers of our people, thus warlike, and enterprizing, continually increase, is a fact, which, since the enumerations of 1801, and 1811, cannot possibly be doubted. This is a circumstance, which adds greatly to the national strength. For, a greater number of people can sustain a greater quantity of debt; a greater number of industrious, knowing, commercial, and money-making people, can with ease pay greater taxes: and hence, it is demonstrable, that the continued increase of the people, has the necessary effect of lessening the national burden, and of mitigating the pressures of war.

The late war which the peace of Amiens brought to an end, was the necessary means, under wise management, of uniting to us, in Ireland, upwards of four millions of fellow subjects. Ireland till now formed, like the revolted colonies, a balance to our power, rather than a support to our strength. United Ireland is of more real worth to Great Britain, than the conquered countries to France. From experience, we know, that our people increase in numbers; from fact, that they increase also in knowledge, in industry, and in wealth; from detail, that they have now more manufactures, shipping, and traffic; from record, that they have improved

the surface of their islands, during the late war, beyond all example. Thus, every proof concurs to evince, that the people were never more prosperous, and that the united nation was never more able to enter into a vigorous war, than in 1803, when the French government made a fresh attack at once upon the liberties of the people, and the independence of the crown *. If we combine, indeed, the whole foregoing documents together; if we consider the fair inferences deducible from them; if we regard the experience of the past; there is abundant reason to believe, that the united kingdom, if they were less actuated by moderation, might carry on an advantageous war against a restless enemy, for ever. As we commenced hostilities on a larger peace establishment of forces, than this country had ever provided, till a new necessity called for additional securities, amidst a captious peace, with a restless neighbour, we were more prepared, for prompt attack, and successful hostilities, than we had ever been, in the first years of any former war.

We began the war of 1756, with France, when the whole exports of the surplus products of this country, amounted only to 12,371,552l., which were transported in 572,710 tons of shipping; and

* In the year, ended on the 5th of January, 1803, the consolidated fund yielded 32,423,605l. 9s.; while the whole charge thereon was 25,667,514l. 19s.; and hence the surplus appears to have been 6,756,100l. 10s. This alone forms a real demonstration of the opulence, and prosperity of the people.

when the whole Customhouse duties, which were paid into the exchequer, amounted merely to 1,763,314l. We commenced the war of 1793, when the whole cargo of exported commodities were valued at 22,675,792l., which were transported in 1,619,924 tons of shipping, British, and foreign ; and when the whole Customhouse duties, that were paid into the exchequer, amounted to 4,000,000l. We began the war of 1803 with France, when the whole value of our surplus products exported was not less, according to the Customhouse estimate, than 39,106,314 sterling pounds ; which were transported, in 2,123,171 tons of shipping, British, and foreign ; and, when the whole Customhouse duties, that were paid into the exchequer, amounted to 6,261,012l. sterling money. We had, in fact, belonging to the British people, in 1792, according to the register, 16,079 ships, which carried 1,540,145 tons, and were navigated by 118,286 mariners. In 1802, we had, according to the same register, 20,568 ships, carrying 2,128,055 tons, which were navigated by 154,530 mariners : and, it thus appears, that we had acquired, during the preceding war, an augmentation of 4,489 vessels, carrying 587,910 tons, which were navigated by 36,244 men. Add to all those ships the Navy of England, consisting of upwards of 1100 vessels of every size ; whereof 150 of the line, and 280 frigates ; which have broken the fleets of the enemy ; which only requires to see the ships of the foe, to destroy them ; and which blockade the several fleets

of inimical Europe. From those details, then, it is demonstrable, that the United Kingdom was far more powerful, in every thing that constitutes energy, and effort, than at the commencement of any former war.

But, to put in motion all those shipping, both of the merchants, and of the King, required a vast sum of money. The ships of the merchants were navigated, by their commercial capital : and the King's ships were fitted, fed, and fought, by the public revenue, to an immense amount. These intimations lead on to a cursory consideration of the public income, and supplies. It is sufficient for our present purpose to state it, as a fact, that during the six years of the present war, ending on the 5th of January 1809, the *public expenditure* of Great Britain, amounted to 395,945,599l. ; whereof 166,445,052l. arose from the funded, and unfunded debts of the State, and 229,701,647l. from all other public services : of those vast sums, 224,403,222l. were raised by the *ordinary* revenue, and other incidental payments into the exchequer of various kinds ; 92,240,000l. were raised by *extraordinary* war taxes ; 81,168,418l. were raised by loans, which were added to the funded debts of the State ; and 3,500,000l. were advanced by the bank, without any interest, or charge, for so large a sum. But, it ought, at the same time, to be recollect ed. that a *sinking-fund* of mighty powers then existed in full force, for the redemption of the public debts : On the 1st of February 1803, the sinking-

fund of Great Britain amounted to 5,834,986*l.* : On the 1st of February 1810, the same sinking-fund had increased to 10,509,392*l.* * Those several sinking-funds gave great facility to finance, and contributed still more to the strength of the State. By such vast statements, the mind is filled, but not overpowered : it perceives how much has been done, by the easiest means. † It was about the year 1797, that the new, and beneficial system began of imposing aids, contributions, income duties, and convoy duties, which have been denominated *war*

* For the debt of Ireland, payable in Great Britain, there existed, moreover, on the 1st of February 1803, a sinking-fund of 258,434*l.* : The same sinking-fund had increased before the 1st of February 1810 to 743,588*l.* : The Emperor's debt, which was guaranteed in Britain, had a sinking-fund annexed to it of 47,947*l.*, at the first period, and of 67,308*l.* at the second.

† It is a fact that, if the sum, which has thus been raised by the *war taxes* ; during the first six years of the present hostilities, had been added to the loan of each year, a further charge would have been incurred of 132,969,000*l.* capital stock, and 6,755,000*l.* of annual charge, taking the rate, whereat such loans were actually raised, in each year : but, if such, so augmented had been raised, at a rate, as much exceeding their actual rate, as those raised in the three years immediately preceding the imposition of war taxes, during the late war, did during the remainder of the war, an additional charge would have thereby been incurred of 40,000,000*l.* capital stock, and 1,604,000*l.* annual charge; making in the whole, by such mismanagement, an additional debt of 173,000,000*l.* capital stock, with 8,360,000*l.* annual charge, which must have been raised, by permanent taxes, on the country.

taxes. That new system of finance was proposed by Mr Pitt, was adopted by parliament, and was submitted to by the people: and, it has been already intimated, that the Chancellor of the Exchequer, the Commons, and the country, all merit immortal commendation, for approving a measure, which has been the great support of public credit, and of private property. When the present war began, it added a great additional strength to the State, that such a system of finance had been previously adopted, approved, and familiarized to those, who were to be chiefly affected by its operation.* And this circumstance brought great facility with it, as well as added much to the strength of the State; since every thing new is usually obstructed, and every thing familiar is easily admitted.

Yet, those vast operations, in finance, could not have been performed, and those vast taxes could not have been imposed, but among a prosperous

* Of permanent taxes, there were raised, during the present war, before the 5th of January 1809, 3,678,723*l.*; none being imposed in 1807. Of war taxes, there were raised, during the same period, 20,133,687*l.*, none being imposed in 1807. In fact, the permanent taxes of the year 1808 amounted to 32,158,451*l.*; of the year 1809 to 33,544,949*l.*: The annual taxes amounted, in 1808, to 4,929,790*l.*, and in 1809 to 4,920,760*l.*; the war taxes, in 1808 amounted to 20,291,797*l.*, and in 1809, to 20,798,145*l.*: and these several amounts show the abilities of the payers, as well as the vigilance of the management: but the surplus of the consolidated fund, amounting, on the 6th of April 1810, to 2,233,051*l.* 16*s.* 6*d.*, evinces, at once, the great consumption of the people, and their ability to consume.

people, whose industry was active, and whose means were progressive. We have seen how much foreign trade Great Britain enjoyed, when the war commenced in 1803, more than this nation enjoyed before, either in war, or peace. So much foreign trade could not have existed, without vast manufactures, at home: And, vigorous manufactures could not have been carried on, if our agriculture had not been in a healthful state of annual melioration.* It is one of our peculiar felicities, that the foe never sets his foot on this enviable island. Every one pursues his avocations, as if hostilities did not exist. Our agriculture, manufactures, and our trade, run on, in their several channels, as if profound peace shed her various blessings on a happy land. And public, as well as private works, which emulate the Roman labours, are carried on, with as little interruption, amidst "fierce alarms," as if we enjoyed the profoundest quiet; as if "the European world lay hushed in peace." Proofs of all those intimations, and reasonings, may be found in the subjoined

TABLE;

* From the statute book, it appears that, in the eight years, ending with 1792, when peace existed, there passed, for dividing, enclosing, and draining common, and marsh lands, 245 laws: In the eight years, ending with 1800, there passed for the same salutary ends of agriculture, 589 laws: and, in the eight years, ending with 1809, during the present war, there passed, with the same wise designs, 757 laws. Can there exist a doubt, then, whether our agriculture was active, during the present war!

TABLE; showing the number of acts of parliament, which passed in the eight years, ending with 1809, for making, and mending roads, and bridges; for forming canals and harbours; for dividing, enclosing, and draining lands; and for establishing various parochial, and urban improvements, in Great Britain; compared with two previous periods, of eight years each:—

	1802.	1803.	1804.	1805.	1806.	1807.	1808.	1809.	TOTAL.	Total of 8 Years ending 1800.	Total of 8 Years ending 1792.
Roads and Bridges -	49	60	49	41	45	54	52	71	419	341	302
Canals, Harbours, &c.	14	16	11	22	19	17	9	19	127	132	64
Dividing, Inclosing, and Draining * - {	105	111	57	75	85	98	94	132	757	589	245
Parochial, and Urban Improvements - {	12	17	10	10	33	21	17	21	141	62	139
	180	204	127	148	180	190	172	243	1,444	1,124	750

* The numerous acts, for dividing, inclosing, and draining, apply only to England and Wales.—In Scotland, such improvements are carried into effect, under an existing law of old authority.

But, of all these pursuits, in peace, or in war, *agriculture* must be allowed to be of the first importance; as all the arts depend on its success, for their subsistence. This consideration led to a very full investigation of this interesting subject, some while ago, when years of scarcity, and high prices, had pressed upon the people. † To those ample considerations, I will now beg leave to add some

† See before, p. 246 to 270.

supplementary notices, and a few more *truisms*. The last year of the last century was the epoch of dearth, when the prices of corn rose uncommonly high, and the amount of importations was unexampled.

The first year of the present century continued a period of still higher prices, and perhaps of even greater importation of corn.* The prices, and the importations, both fell very much, in 1802, and in 1803; when they were both, as low, as they can ever be expected, in such a country as this. The prices, and the importations began to rise, a little, in 1804; and both have continued rising, down to the present year. But, all those truths, whether happy, or adverse, will appear most distinctly to the more curious eye, from the following

TABLE;

* The greatest nominal price of wheat, which had ever been felt, in this country, was that of 1800, when the average price in England and Wales, of middling wheat, rose to 5*l.* 13*s.* 4*d.* per statute quarter; and there were imported, in the same year, 2,259,379 quarters. I have said the *greatest nominal price*; as during the dear years, at the end of the preceding century, the real price of corn, was still dearer, and the distress, from want, was much more, taking into the account the higher value of money.

TABLE ; showing the average prices of middling wheat per statute quarter, in England, and Wales, with the *official* values of the importations, and exportations, of all corn, flour, and meal, into, and from, Great Britain : *

The Years.	The price of Wheat.	Value of Imports.		Value of Exports.
		s.	d.	
1801	118 3	3,032,277		69,940
1802	67 5	1,400,901		313,222
1803	56 6	934,567		192,217
1804	60 1	1,201,319		225,683
1805	87 10	1,834,906		180,654
1806	79 —	813,780		101,417
1807	73 3	1,124,300		75,747
1808	79 —	484,040		173,031
1809	95 7	1,473,712		78,301

This *table*, which may be considered, as supplementary to the foregoing, and on the same subject, is interesting, and instructive.† The column of prices undoubtedly represents *the seasons*, which very much regulate the rise, and fall of the rates of buying, and selling: We perceive, that the dear years of the last century continued, in 1801: We may see how much the fine seasons of 1802, and 1803, reduced the prices, and the importations, during these years: And, from the year 1803, to the present, the seasons have progressively raised both. The value of *importations* seems to be influenced by the necessities, or the apprehensions of the year: and the value of *exportations* is moved by the demands, and the sup-

* The prices of wheat were settled, by Mr Catherwood, the Receiver of Corn Returns; the value of imports, and exports, were furnished, by Mr Irving, the Inspector General.

† See it, before, p. 256.

plies of our West Indies, and foreign garrisons. The year 1809 was a season of high price, and large importation : and, yet the import of wheat, and wheat flour, was only 57,933 quarters, from Ireland ; and 407,625 quarters, from foreign parts ; being more than $\frac{1}{8}$ th part of the wheat, which is annually consumed : And, the great import of grain, consists of oats, which amounted, in 1809, from Ireland, to 782,039, and from foreign countries to 296,912 quarters, making in all 1,078,951 quarters. There were imported into London, during 1809, of wheat 293,310 quarters, whereof there were, from Ireland, 765 quarters, and from foreign parts, 163,422 quarters : of oats, there were brought into London, during the same year, 986,559 ; whereof, from Ireland, only 78,570 quarters, and from foreign parts, 278,860 quarters. We may thus perceive, then, that though London be the *great market*, Ireland supplies it with little, and foreign countries not with a great deal. But, we are not to suppose, that the whole of those importations of grain is consumed in London : No : much is sent, during dear years into the interior country, by the Thames, and the Paddington Canal ; and much is sent to Kent, and Essex, which are two corn counties. This last circumstance opens to view a policy, which probably prevails, throughout the whole nation : Those counties send their wheat to London, and carry back oats to the country, in return : We may thus see, that the growers of corn may be entirely trusted with their own interests : They raise

such beasts, as are most beneficial ; and they cultivate, in their rotation of crops, such corn, as they judge to be most profitable to them : Thus, from this freedom of choice, we may infer, that every thing is raised, and grown, which is most advantageous to themselves, and the State, amidst the changes of the world.

In considering, heretofore, * this interesting subject, it was intimated, that an established system of corn laws is beyond the power of human wisdom : The seasons cannot be regulated, by statute; nor can the depreciation of the pound Sterling, or money of account be prevented by law : Now; if the seasons govern the domestic supply ; and a corn law can only be made to operate, according to a given table of prices, stated in the money of account, the pound Sterling, with its aliquot parts, can be neither a *measure*, nor a *medium*, if so to speak, for the purpose of argument, it have no *stability*; since all measures, and all mediums, must mean something of fixedness, or they mean nothing. The corn act of 1791, † which had been formed under the experienced eye of the late Lord Liverpool, appeared, by a dozen years experience, to have completely failed, as a *corn system*; owing to the two overpowering causes, which have just been mentioned, the unfavourable seasons, and the unfixedness of the standard of prices. ‡ At length came a better season, in 1802,

* See before, p. 263—65.

† 31 Geo. III. ch. 30.

‡ See the table of prices, and the value of importations, which

and a still more favourable year, in 1803: and, the growers of corn began to grudge the solace of the consumers. This uncharitableness produced a new statute to regulate the import, and export of corn: This regulation consisted in raising the prices, at which the importation of grain should be allowed, and lowering the prices, at which exportation should take place. * While this act was in its course it was not perceived, that the favourable season, and low prices, of 1803, had obstructed importation to a great amount: Neither was it foreseen, that the two subsequent years, as they were more unfavourable, in their supplies, and prices, would promote the importation of corn, notwithstanding the recent regulations of an interested act. Such considerations did not prevent a new statute, to amend the former. † The seasons laughed at the folly of interestedness, in its continued endeavours, to perform impossibilities.

At length, liberality interposed, to make a corn act, with some sense for its principle, and some utility for its effects: and, there was passed, on the 16th of July 1806, the statute, for permitting *the free intercourse of corn, with Ireland.* ‡ As Ireland had been now consolidated into one kingdom with Eng-

which have just been stated. Malting, and distillery, were prohibited till the 25th of March 1802, by 41 Geo. III. ch. 16. Ireland was equally distressed, by the scarcity of bad seasons, and was, in the same manner, relieved, by temporary statutes, 41 Geo. III. ch. 34,—36,—91.

* 44. Geo. III. 109.

† 45. Geo. III. ch. 86.

‡ 46. Geo. III. ch. 97.

land and Scotland ; as the law of the land allowed the free communication, and transport of corn, throughout the whole extent of Great Britain ; it followed, as a consequence of the Union, that the same principle, and practice, should be extended to the united whole of the consolidated kingdom. But interest is an obstinate passion : and, the growers of corn came forward, in the subsequent year, when the prices had somewhat fallen, in the home market, to declare, that they did not mean to include *foreign grain* in the free intercourse of corn, with Ireland.* But, if the wisdom of the wise had enacted, that the free intercourse of corn, through every part of the United kingdom, was sound policy, as well as real justice ; if national beneficence had determined, that it were fit, and just, during the greatest scarcity, to part our loaf, with our colonies, our fisheries, our garrisons, in distant parts ; the same beneficence must equally decide, that the same fitness, and justice extend to Ireland ; and that the statute, which limits this justice, and that fitness, to any part of the United kingdom, as well as the dominions to the same belonging, is unsalutary, and sordid.

Whatever sordid men may do, or think, it has become quite apparent, that the consumption of Great Britain is greater, than her own supply. And to answer the deficiency, when the price of wheat, in England and Wales, had risen, in 1809, to 4l. 15s. 7d. per quarter, there was imported more than a 17th part of our whole consumption. The whole

* 47 Geo. III. ch. 7.

importation of every sort of Grain into Great Britain, according to a three years average, ending with 1809, amounted to 1,194,362 quarters; whereof there were supplied, by Ireland, 614,240 $\frac{1}{4}$ quarters; and, by other countries, under the existing circumstances, 580,121 $\frac{1}{2}$ quarters.* From the detail below, it clearly appears that, of the whole supply of Great Britain, by importation, in those years, Ireland furnished of wheat a little more than one seventh part; of barley nearly three fourths; of oats much more than two third parts; of rye about one thirty-fifth part; of beans somewhat less than one sixth part; of peas more than one thirty-fifth part; and of the whole supply more than one half; owing to the great proportion of oats: of all which, however, little comes into the great market of London, and Westminster. Since such a supply, then, is necessary, when the seasons are, in the least, adverse, and the price

* The detailed state of that supply, according to the three years average, ended with 1809, was as under:—

The kinds of Corn.	From Ire-land.	From other Countries.	The Total of both.
	Qrs.	Qrs.	Qrs.
Wheat, and wheat flour	46,598	277,931	324,529
Barley, barley meal, malt	20,338 $\frac{1}{4}$	7,611 $\frac{1}{4}$	27,950
Oats, and oatmeal - - -	543,774	252,573	796,347
Rye, and rye meal - - -	245	8,403	8,648
Beans - - - - -	2,790	14,661	17,451
Peas - - - - -	495	16,730	17,225
Indian corn, and meal	— —	2,212	2,212
 The Total - - - -	 614,240 $\frac{1}{4}$	 580,121 $\frac{1}{2}$	 1,194,362

rise, according to the produce of the season †, it follows, as certain consequences of true policy, that the cheaper the supply so much the better, that the cheapness will result much, from the certainty, and that the certainty of the supply will much depend on the legal permission to import, and on the freedom of transmission, from one country to another, and from one district to another, without obstruction of any kind: If the wisest men have advised, that during every season, and at all times, corn may, and shall be sent, throughout the whole nation, without hindrance; in order that, the whole people should be supplied, at the cheapest rate, is it not equally wise, to allow the necessary supply to be imported, from every country, without any obstruction?

But, it is in vain to speak of the *necessary supply*, without we know the *usual consumption*, from some rational estimate: The very well informed author of *The Corn Tracts*, after all his correspondence, and elaboration, failed in producing a satisfactory estimate of the common consumption, as he knew not the numbers of consumers, after all his research, and diligence. Other persons of less knowledge, and perseverance, have failed, as might be expected, still more egregiously. The enumeration of the people, in 1801, has supplied what was so much wanted, by the political econo-

† The average prices of middling wheat, in England and Wales, were, in 1807, 73s. 3d.; in 1808, 79s.; and in 1809, 95s. 7d. as computed by Mr Catherwood.

mists, not only the numbers of people, but their classes: and, other circumstances, and facts, which illustrate the obscure subject of the consumption of classes, and individuals, have been collected, and ascertained, with more success, though not with greater diligence, and attention, than former writers, on this interesting subject. By the enumeration of 1801, the people of England, and of Wales appeared to amount to 9,343,578: and, it has now been ascertained, that they consume, according to the various proportions of persons living in the country, and towns, every year, of wheat 7,676,100 quarters.* The whole consumption,

* Of the whole people, there lived, in towns, having more inhabitants than 1500, 2,356,773 souls, who consumed, yearly, at $7\frac{1}{2}$ bushels each - - - 2,209,475 qrs. The army of 198,351 consume, at 9 bushels,

by each person	- - - - -	223,145
The navy of 126,279, at 9 bushels to each seaman	- - - - -	142,064
The seamen, in the merchants' service, 144,588, registered, at 9 bushels each sailor	- - - - -	162,662
The convicts, amounting to 1410, at 9 bush- els each person	- - - - -	1,586
Of the people, 6,516,117, live in the villa- ges, and country, whereof two-thirds, or 4,344,118, eat wheat bread; and consume 9 bushels each	- - - - -	4,887,133
There are consumed, in making starch, paste, and other purposes	- - - - -	50,035
The whole consumption of those various persons, and classes		<u>7,676,100</u>

The

of every class, subsisting on the different kinds of grain, may be recapitulated as follows :

	In 1801.	In 1809.
	Qrs.	Qrs.
Of wheat there were consumed - - - - }	7,676,100	7,876,100
Of barley - - - - -	5,122,500	5,130,000
Of oats - - - - -	9,614,200	9,773,200
Of rye - - - - -	785,000	785,000
Of peas - - - - -	205,000	210,000
Of beans - - - - -	200,000	206,000
The totals -	23,602,800	23,980,300
Add to the above the consumption of Scotland - - - - }	3,582,500	3,744,530
The total consumption of Great Britain - }	27,185,300	27,724,830

Those estimates include the whole consumption of every kind of corn by the people, and by

The remaining third of the people, or 2,172,059, who live in the country, and villages, eat barley, oats, and rye.

About 900,000 people, who eat barley, consume, at one quarter and three bushels each, every year - - - - - 1,237,500

About 600,000 persons, who eat rye, consume, each, one quarter and two bushels 750,000

About 672,059 persons, who eat oats, consume about two quarters each - 1,344,118

beasts ; but there was no allowance made, for the consumption, by distillery ; as that was suspended, in 1801, and 1809. The annual average of the imports of grain, in the three years, ending with 1809, amounts to nearly $\frac{1}{3}$ d part of the whole consumption of Great Britain, in 1809. The annual average of the import, from Ireland, was, in those three years, nearly $\frac{1}{7}$ th of that consumption. The annual average of the whole imports, from foreign countries, in those three years, was upwards of $\frac{1}{8}$ th part of that consumption, within Great Britain.

Yet, all those various estimates of the annual consumption of Great Britain would be incomplete, without a similar view of the vast consumption of the mighty metropolis of the British empire, which is a twelfth part of the whole consumption of England and Wales. By an estimate, which has been made, from a variety of statements, of the usual consumption of various families, different individuals, and of public establishments, and from the sentiments of intelligent bakers, it appears, that the average consumption of each person, in the metropolis, in bread, pastry, and puddings, is nearly $7\frac{1}{2}$ bushels of wheat, in every year. By thus taking the average consumption, at $7\frac{1}{2}$ bushels for each person, on the population of the metropolis, in 1801, of 864,845 individuals, the whole necessary consumption must then have been 810,793 quarters of wheat, every year. If to this quantity be added what is yearly used,

for starch, paste, and other purposes, amounting to 9,207 quarters ; then, will the whole consumption of *wheat*, in the metropolis, have been 820,000 quarters, in 1801. By taking proper mediums, by advertizing to various facts, and attending to different circumstances, in respect to the annual consumption of barley, oats, beans, peas, and rye, the quantities of each, yearly consumed, have been ascertained, with sufficient precision, to answer the present estimate : and, the necessary result, from all those details is, that there was consumed, in London, Westminster, and their suburbs, of every sort of corn, including the flour, and meal, during the year 1801, the quantity of 1,922,060 quarters : but, as there was an increase of consumers, in those districts, during the eight years, immediately following 1801, it became necessary to make the same estimate upon a greater number of persons : whence, we have another result, which shows the whole consumption of the year : 1809 to have been 1,998,360 quarters of every sort of corn * : thus forming, as hath been intimated, a twelfth part of the consumption of England and Wales.

It is sufficiently known to all intelligent men, that both the consumption, and the supply of corn, have

* The whole consumption of the Metropolis may be detailed, as under :

Years.	Wheat.	Barley.	Oats.	Beans.	Peas.	Rye.	The totals
	QRS.	QRS.	QRS.	QRS.	QRS.	QRS.	QRS.
In 1801	820,000	413,000	660,780	12,000	11,000	5,280	1,922,060
In 1809	838,500	422,500	708,560	12,300	11,200	5,300	1,998,360

undergone a great change, during the last sixty years. In the preceding period, the consumption was but little, when compared with the export, while there was no importation. † In those days, scarcity came but seldom; and much bullion was brought into this productive country, in payment for its corn sent out, under a bounty, which encouraged the export of it. Such was what is considered by some, as the happiest of all conditions, when corn is cheap, and money is plenty. Yet, this state of things, whether fortunate, or unhappy, soon after changed to a greater consumption, than the country could supply. * This change took place, while the nation was the most prosperous. Owing to

† Sir James Stuart, in speaking on this subject, with a reference to the dear year, 1757, when the quantity imported was merely 151,743 quarters of all sorts of grain, which did not amount to $\frac{1}{40}$ th of the ordinary consumption of the people of England, and of Wales; [being then 13,555,850 quarters, according to the author of the Corn Tracts;] said, it is equivalent to their subsistence, for 4 days, 2 hours, and 24 minutes. Political Economy, 8vo Ed. Vol. 1. p. 147. In 1809, the necessary supply from abroad, amounted to more than the $\frac{1}{7}$ th part of the whole consumption of the same year: So great had been the change, in the consumption, and supply, from abroad, since 1757.

* When this change took place, so as to be observed, the whole export of England may be taken, at 15,000,000*l.* sterling a year; and the exports of the year 1809 may be taken at 46,000,000*l.* sterling: so great a difference had meantime occurred in our trade, and in our opulence, during the intermediate period.

this course of prosperity, we have more people; a people, more industrious, and a people, more opulent. During that prosperity, the domestic improvements of our Island were carried forward to an unexampled extent; and great quantities of land were thereby brought into tilth, which before lay common, or waste. Our agriculture was carried on with more skill, and capital, and success, than it ever had been, when the export of corn was the greatest: and this capital, and that skill, and melioration, produced a greater quantity of *the fruits of the earth*, even in a bad season, than were formerly raised, in a good season. It is not, then, that less is produced, than formerly; but that more is consumed: and this state of things was gradually introduced, by the augmentation of the numbers of the people, by their change of position, from the country to the towns, and by the increase of their consumption of wheat, rather than rye, owing to their greater enterprize, and wealth. Such are the *truisms*, which result from the foregoing facts.

We must not complain of the comforts of a free people, who are a free spending people. We cannot limit their consumption of victuals, whatever we may virtually do of their drink, by means of *the excises*, which produce abundantly. The question, then, arising from this accurate view of our domestic affairs, is how to supply the wants of the people, who do not cease to consume freely amidst scarcity, and dearness. This is a very difficult question, between

the growers of corn, and the consumers ; owing to the pertinacity of the one class, and the impatience of the other. The pretensions of the first are much worse founded, than the claims of the second. The shopkeeper, who may live the next door to me, has no right to claim my custom, at any rate ; any more than the baker, who lives two doors further, has any pretension to my consumption, while another baker in the next street, sells better bread, on cheaper terms. If these reasonings be just, the growers of corn have no very valid right, to claim the exclusive supply of the domestic market, which they are unable to fill with sufficient quantities ; and are unwilling to sell, at adequate prices : and, we are thus led to concur with the just deduction of Doctor A. Smith, when he says, " the unrestrained freedom of the corn trade, as it is the only effective preventive of the miseries of famine ; so is it the best palliative of the inconveniences of dearth." *

We are thus led forward to take a slight view of the commercial affairs of SCOTLAND, which, in every age, has partaken of the prosperity, or decline of England. Scotland, as we have seen, did not feel the benefits of the *Union*, for upwards of forty years. The recent prosperity of Scotland began much about the time, with the prosperity of England. The agriculture of Scotland, has been carried up, by skill, and diligence, to a high state of perfection : and the rentals of the land-

* *Wealth of Nations*, ii, 297.

lords, and the comforts of the farmers, have kept an analogous pace, with the progress of her husbandry. The manufactures of Scotland have run an equal race of prosperity. And, her trade, domestic, and foreign, has continued an onward course, whatever obstructions time, and chance, have opposed to her progress. Scotland did not feel much the bankruptcies of 1793 ; and she still less felt the alarm of the invasion, in 1797, or the consequent distress of the commercial world.* There was, however, a flatness in the amount of the export trade, in that alarming year, from which a spirited people, and enterprizing traders, soon recovered. During the three prosperous years, which preceded the war of 1793, the whole exports of Scotland were valued at 3,762,825l. After the chances, and changes of that war, Scotland, by effort, and perseverance, more than doubled her exports, at the return of peace ; as we may perceive, from the estimate of their value of her exports, in the three years of languishing hostilities, and captious peace, ended with 1802 ; amounting to 7,793,429l. A new war began, in

* See the evidence given by Mr H. Thornton, before the Secret Committee of the House of Commons, Report, 143. He said, that the paper circulation of Scotland was computed to be from 1,200,000l. to 1,500,000l. ; and the quantities of guineas were supposed to be about 50,000 : and seven-eighths of the bank notes were supposed to be twenty, and twenty-one shilling notes. The difficulties of that period appear to have little distressed Scotland, owing to real stability, and prudent management.

1803, which had, for its odious ends, on the side of the foe, the sacrifice of industry to warfare, and the destruction of trade, at the frantic call of infuriate enmity : yet, industry, with the plough-share in one hand, and the sword, in the other, was not to be alarmed. And the whole circle of commerce moved, in Scotland, throughout this war against traffic, as if it had been conducted, by the friendly hand of peace. And what prescience foresaw became the result, in fact : in the three years of warfare, ending with 1809, Scotland exported to the enlarged amount of 9,936,281l. ; so that here is a surplus of 2,142,852l. Sterling value, more than the same country enjoyed, during the three captious years, ending with 1802. * But, had Scotland as many ships, after seven years of war, as she possessed, before this course of hostilities began ? Yes : Scotland enjoyed 2,349 ships, carrying 183,935 tons, in 1802 ; and 2,534 ships, bearing 206,075 tons, in 1809, according to the register. Such being the fair result of all those details, it is impossible for any one to say, that Scotland has not prospered, during the war,

* Such, certainly, was the result of the general export trade of Scotland, during the present war ! But, she also enjoyed more of foreign trade, during this war, than she possessed before hostilities began. The whole value of foreign goods exported from Scotland, in the two years of peace, 1801, and 1802, amounted only to 975,119l. : but, in the two years of war, 1808, and 1809, Scotland exported, of foreign goods, the increased amount of 1,325,011l. Such, then, was the fact !

which prognostication foretold would involve her in ruin.

We may moreover infer, from those details, that Scotland had more people than ever, more busy people, who enjoyed more capital, and exerted more enterprize : and, by those means, they grew rich, while they paid their usual taxes of peace, and the uncommon taxes of war. From all those intimations, we may perceive, that while such a people pursue their accustomed industry, and engage, with usual enterprize, in the adventures of traffic, they may defy the enmity of the foreign dominator, who threatens, with frantic tone, the positive ruin of such a people ! That a considerable change has, meantime, taken place in the old habits of the Scotch people, cannot be denied. Many a man now consumes wheat, who eat none before ; and many a woman wears shoes now, who wore none before. These happy changes arose gradually, from their becoming more industrious, and more opulent ; and of course more able to follow their propensities, without the restraint of former penury, or the vassalage, arising from the will of a master. In Scotland, the use of wheat has increased, and is every day greatly increasing : the use of oats, for bread, is decreasing ; but the consumption of oats, by horses, is greatly increasing : the use of barley, for bread, is diminishing ; but, the use of barley for beer, whiskey, and other purposes of brewing, and distilling, is greatly increasing : both the cultivation, and the use of rye, are

decreasing : the use of peas, in bread, is decreasing ; but, the appropriation of peas to the feeding of hogs, and other objects of consumption, is increasing : the application of beans to the feeding of horses, and of hogs, is increasing. All these alterations, in the modes of management, have arisen, by degrees, in proportion, as the people became much more easy, in their circumstances.

In forming an estimate of the yearly consumption of the Scottish people, we must recollect that, in the last fifty years, all orders of persons have left the country, and live in towns, where they subsist more from the country than upon it. Scotland was found, by the enumeration of 1801, to contain 1,618,300 people. By comparing the population of 1791, with the numbers, in 1801, there appears an increase of 103,304 persons, or 10,330 a year ; and, at this rate, it must have acquired 82,640, in the effluxion of eight years, from 1801 to 1809 : so as to have carried up the whole consumers of Scotland to 1,701,000 : * And, the whole consumption of the people, and of the beasts, in 1801, must have been, exclusive of the legal distillery, 3,582,500 quarters : and the whole consumption of 1809 must have been 3,744,530 quarters. † Such, then, was the consumption of

* The whole people of Scotland were found, by the enumeration of 1811, to be, in fact, 1,804,948 souls.

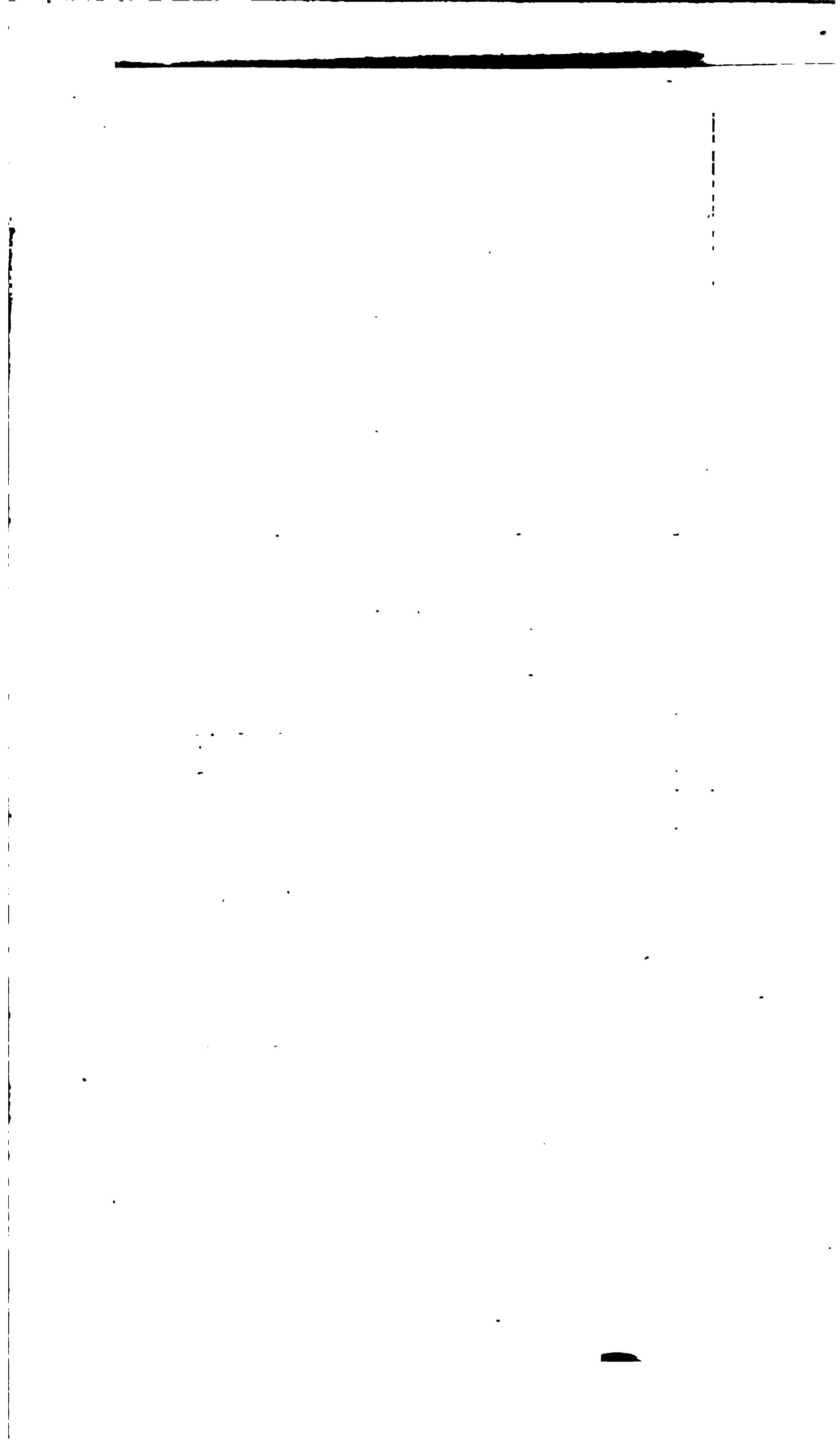
† The general totals of Consumption above, may be cast, tablewise, into detail, as under :

the people of Scotland, at successive periods, who consumed, according to their change of habits, and their melioration of circumstances, from greater industry, and more wealth. With Bishop Corbet, it may be said :

“ I wish thee well, above all wealth,
“ Both bodily, and ghostly, health :
“ Not too much wit, or wealth, come to thee ;
“ Too much of either may undo thee.”

In the Years	Wheat. Qrs.	Barley. Qrs.	Oats. Qrs.	Beans. Qrs.	Peas. Qrs.	Rye. Qrs.	The Totals. Qrs.
1801	318,100	830,000	2,145,220	25,000	176,900	87,280	3,582,500
1809	334,000	860,000	2,253,500	26,330	185,700	85,000	3,744,530

Of wheat, there were consumed, in 1801, for bread, pastry, and puddings, 316,650 quarters ; and for starch, paste, and other purposes, 1,450 : Of the above population, $\frac{5}{16}$ ths consume oats, barley, rye, and peas, at the rate of 9 bushels of oats, 3 bushels of barley, $\frac{1}{2}$ a bushel of rye, and 1 bushel of peas, each person. Of oats, there are also consumed by horses, poultry, and by other animals, 627,664 quarters. Of barley, in addition to the bread, there are consumed, in beer, and smuggled whiskey, 250,621 quarters ; by hogs, fowls, and other animals, 3,660 quarters ; and for pot barley, 70,000 quarters. Of rye, in addition to what was consumed by the people, there were eat by hogs, poultry, and others, nearly 3,000 quarters. In addition, to what was consumed, of peas for bread, there were consumed in soup, pudding, and by hogs, 8,327. And of beans, there were eat, by horses, hogs, and other animals, 25,000 quarters. It was deemed necessary to submit these specifications, after ascertaining many facts, and weighing many circumstances.



[CZ. -.

319,390
6,557

325,947

31,823
315.

31,148

2	—		,437
3	—		,547
7	—		—
2	—		,984
2	—	1,170,076 — 19,159,471	
5	—	1,235,405 — 20,190,121	
3	—	1,296,536 — 22,731,995	
3	—	1,230,884 — 24,905,900	
2	—	1,024,751 — 20,590,180	
2	—	1,084,811 — 26,748,083	
7	—	976,992 — 27,123,339	
2	—	1,322,725 — 30,518,913	
2	—	1,317,121 — 28,917,010	
2	—	1,669,197 — 33,591,777	
5	—	1,916,631 — 33,640,357	
2	—	2,346,069 — 38,120,120	
5	—	2,844,502 — 37,786,857	
2	—	2,602,858 — 41,411,966	
2	—	2,053,222 — 31,438,495	9,569,312
2	—	2,252,309 — 34,451,367	
2	—	2,504,867 — 34,954,845	
2	—	2,716,615 — 36,527,185	
2	—	2,730,838 — 34,566,571	
2	—	2,816,343 — 34,554,268	
2	—	4,383,100 — 50,301,763	
2	—	4,740,239 — 45,869,859	
2	—	3,895,614 — 32,389,629	6,907,391

C H A P. XIV.

A Review of the foregoing Documents proposed.—A supplemental Proof from the Chronological Table of Trade annexed.—A Commentary thereon.—The successive Epochs, from 1660, to 1811.—The Tonnage of Shipping.—The value of exported Cargoes.—The Balance of Trade.—The nett Customs.—The Coinage of every Reign.—The Conclusion of this Review, which reflects a flattering Prospect of our future Prosperity.

A REVIEW of the several documents, which are contained, in the foregoing Estimate, will greatly illustrate the interesting subject of the prosperity, and populousness, of Great Britain. As a supplemental proof, I have annexed a *Chronological Account of Commerce*, in this island, from the Restoration to the year 1811, inclusive, with design, to exhibit a more connected view of the weakness of its commencement, the struggles of its progress, and the greatness of its maturity, than has yet been done. This Chronological *Table* will speak to the eye, while it convinces the understanding, and comforts the heart. And, the commentary on the various heads of this *Table* will furnish opportunities, which did not occur before, of treating of many topics that, as they confirm the doubtful, and illustrate the dark, will throw a very pleasant light on our future prosperity, by taking a short retrospection of the past.

Of the Chronological Table, the eye instantly perceives the disposition of the parts, and the intellect fully comprehends the arrangement of the whole. In the first column may be seen the successive epochs, beginning with the Restoration, whence certainty may be said to commence, and ending with the year 1811; and exhibiting the eras of peace, and war. The second column gives the tonnage of the shipping, which, successively, sailed from Britain; distinguishing the British ships from the foreign, in order to find, in the amount of each, the salutary effects of the act of navigation. The third column contains the value of the merchandize, which were, from year to year, sent out; that the extent of the cargoes may be compared with the quantity of tonnage, which carried them; and, though the Scottish tonnage, and the value of the Scottish exports, could not be adjoined before the year 1755, both these are added subsequent to that epoch, because every one finds a gratification, in extending his views. The fourth column exhibits the result of our exports, and imports compared, which forms what has been denominated *the balance of trade*. The fifth column states the nett customs, which our foreign commerce has yielded, at different periods; because, while the detail gratifies curiosity, it furnishes no inconsiderable proof of the prosperity, or decline, of our traffic. And the last column contains, what may be regarded, as the result of the whole, the sums, which have been coined in

England, during every reign, from the Restoration to the present times ; because the mint, as Sir Robert Cotton expresses it, *is the pulse of the commonwealth*.

That the progress of our traffic, and navigation, from the commencement of the seventeenth century, to the era of the Restoration, had been remarkably rapid, all mercantile writers seem to admit. The navigation act contributed greatly to carry this advance of the shipping up to the Revolution. Sir William Petty stated, in 1670, "that the shipping of England had trebled in forty years." Doctor Davenant afterwards asserted, * "that experienced merchants did agree, that we had, in 1688, near double the tonnage of trading shipping to what we had in 1666." And Anderson † inferred, from the concurring testimony of authors on this interesting subject, "that the English nation was in the zenith of commercial prosperity, at the Revolution." We have already examined how much the commercial gain of our traders was taken away, by the war, which immediately followed that most important event, in our annals. But, the eye must be again thrown over the Chronological table; if the reader wish for a more comprehensive view of the continual progress of navigation, from the station of eminence, to which Anderson had traced it; its temporary interruptions; and, notwithstanding the independence of the American states, its final exaltation, in the year 1809.

* Vol. II. p. 29.

† Chron. Commerce, vol. II. p. 187,

If we compare the greatness of 1688, with the amount of 1774, 1784, 1792, 1802, and those of 1809, we shall discover, that the navigation of the latter epochs had reached a point of the mercantile heavens, so much more exalted, than the former, as to reverse its position ; as to convert what was once *the zenith into the nadir now.*

	Tons British.	Do. foreign.	Total
Contrast 1688 -	190,533 -	95,267 -	285,800
with 1774 -	901,016 -	68,402 -	969,418
with 1784 -	932,219 -	118,268 -	1,050,487
with 1792 -	1,561,158 -	175,405 -	1,736,563
with 1802 -	1,626,966 -	461,723 -	2,088,689
with 1809 -	1,531,152 -	699,750 -	2,230,902

The famous Mr Gregory King calculated, * “ *that we gained annually on the freight of English shipping, in 1688, - - - - - L. 810,000.* ”

If the “ *national profit on the naval trade of England, in 1688,* ” amounted to *L. 810,000*, what ought to have been *the national profit on our naval trade, in 1774?* If 190,000 tons gained *L. 810,000*, 901,000 tons, including the Scots ships, must have gained - - - - - *L. 3,841,100.* 932,000 tons, including the Scots ships, must also have gained, in 1784, - - - - - - - - - *L. 3,973,260.* And, 1,561,158 tons, including the Scots, must have gained, in 1792, *L. 6,665,463.*

* Dav. Works, vol. iv. p. 146.

1,626,966 tons, including the Scots ships, must have gained, in 1802, L.8,134,830; And 1,531,152 tons, including the Scots ships, must have gained, in 1809, - - - - - 7,655,760.

This is, doubtless, a vast sum to be, annually, gained, from our outward freights: But, great as it appears, in a mere mercantile light, when, as large a sum is added to it, for our inward freights; yet, must the immense navigation, from whence it arises, be considered, as still more advantageous to the State; being a never-failing source, from which seamen, and transports, may be, constantly, drawn, for the uses of war. If from the tonnage, which may be, most safely, followed, in discovering the benefits of our navigation, and commerce, during every age, we look into the *column of cargoes*, in the Chronological Table, we shall find an excellent auxiliary, in the ledger of the inspector-general, for conducting our inquiries, and forming our judgements.

To investigate the value of our exports, and of our imports, during the disturbed times of our Edwards, and Henries, or even in the more tranquil days of Elizabeth, would be a research of curiosity, rather than of use. On a subject of such difficult discussion, as no sufficient data had yet been established, the most judicious calculators could only speak, in terms indefinite; and therefore unsatisfactory: yet Sir William Petty, Sir Josiah

Child, Dr Davenant, and Mr Locke, all agreed in asserting, that our commerce flourished, extremely, from 1665 to 1688, when it had increased, beyond all former example; and when its general growth, in the opinion of the most experienced merchants, was double, in its magnitude, at the Revolution, to its usual extent, at the Restoration. In the Chronological Table, the value of exported commodities was adjusted, for both those periods, by a standard, which seems to be thus admitted as just, by the wisest men in England.

During that day of commercial darkness, the experienced Sir Philip Meadows, whose presence, for so many years, did honour to the Board of Trade, sat down to form "*a general estimate of the trade of England;*" from the amount of the duties, which were paid, at the Customhouse, on our importations, and on our exports. Directed by his native sagacity, he produced a statement of our commerce, on an average of the three years of war, 1694—95—96; which appears now, from a comparison, with the entries, in the ledger of the inspector-general, to have been wonderfully exact.

The value of exports, * according to

Sir Philip's calculation, - - £.3,124,000;
Do., according to the ledger, from

Michaelmas 1696, to Do. 1697, - 3,525,907.

* But, Sir P. Meadows excluded from his calculation the value of butter, cheese, candles, beef, pork, and other provisions

The value of imports, according to him, -	L.3,050,000
Do., according to the ledger, -	3,482,587

The favourable balance of trade, ac- cording to him, -	L.74,000
Do., according to the ledger, -	43,320

Add to those statements the value
of the whole exports, at the demise
of K. William, by taking the aver-
age of the three years

1700, 1701, 1702 -	- L.6,045,432.
of 1760—61—62 -	- 15,454,475.
of 1802 -	- 41,411,966.
of 1809 -	- 50,301,763.

In the foregoing detail, from which we may
ascertain, by comparison, nearly the truth, we be-
hold the inconsiderable extent of the national com-
merce, at the peace of Ryswick, in 1697. If, said
that able statesman, *the present condition of England be not satisfactory to the public, from the general account of it here mentioned, various ways may be followed to improve it: And his sugges-*

visions exported to the Plantations, and the value of their products imported into England, which were afterwards con-
sumed; “being in the nature of our coast-trade among our own people.” Had he included these, his statement had been still nearer, in its amount, to the ledger of the inspec-
tor-general.

tions having been gradually adopted, in after times, produced, at length, the wished-for effects of an active industry, at home, and a prosperous navigation, abroad. From that epoch, we have, in the books of the inspector-general, all the certainty, with regard to the annual amount of our exports, and our imports, which the nature of such complicated transactions easily admit; considering how much it has been improved during late times. But, should the nation wish for more satisfactory evidence, on a subject, so interesting, because, it involves in it, the welfare of the state, the same motion, which was made, in the House of Commons, by Mr Lowndes, * during the reign of Queen Anne, to oblige the traders to make true entries of their cargoes, may be again proposed, and, if it can be freed from objection, carried into effect, by parliamentary regulations.

Meantime, the tonnage of shipping, which transported the superfluous products of England, has been adjoined, in the foregoing table, to the value of cargoes, in order to supply any defect of proof, and to corroborate the certainty of each, by a fair comparison of both. When Sir Philip Meadows considered, with so much attention, our

* "In order to prevent this mischief [of exaggerated entries] says Davenant, a clause was offered, and very much insisted on, by Mr Lowndes; but obstructed by the merchants, for ends not very justifiable, and the clause was not received." Dav. vol. v. Whitworth's edit. p. 443.

commercial affairs, he gave it, as his opinion, “that the advantage of trade cannot be computed by any general measure better than by that of the navigation.” It requires not, indeed, the grasp of Sir Philip’s mind to perceive, that the tonnage is naturally the evidence the most to be relied on, where there is any doubt: in this mode of proof there is no fiction: the entries are made at the Customhouse, on the oath of the masters; though the tonnage was supposed to contain formerly about one-third less than the truth: but, the general average being once known, and admitted, we may argue, from the apparent amount, with no more fear of deception, than we should expect, from the notices of the most authentic record. In comparing the value of the cargoes with the extent of the tonnage, as both are stated, in the foregoing table, we ought to infer, that the first must always be superior in its risings, and depressions, to the last. It was with a view to that comparison, and to this correspondence, that the bullion, whose annual exportation, for so many years, frightened the gravest politicians, was deducted from the value of the transported merchandise; since it occupied little room in the tonnage, yet swelled, considerably, the calculation of the general cargo; as it was not entered inward, at the Customhouse: And, it was equally excluded from the estimate of the exports, in forming the balances of trade; because, though it cannot properly be considered as a manufacture, it ought not

to be deemed a part of our surplus products of our land, and labour, which we send abroad, in expectation of a profitable return.

Thus, we see, in the foregoing documents, *the best evidence*, with regard to our navigation, and our trade, *that the nature of the inquiry admits*. He who wishes, to satisfy his doubts, or to gain information, by throwing his eye over the state of our exports, from 1696 to 1774, as it has been published by Sir Charles Whitworth, or the value of cargoes, which have been exported, during the present reign, as they have been arranged, in the foregoing table, must perceive, that when one year furnishes a great exportation, the next supplies the foreign markets with less ; the third usually sends a cargo superior to the first ; and the fourth gives often a smaller quantity than the last, the amount of which, however, is seldom below the level of the first. This striking variation arises, chiefly, from the irregularities of universal demand ; since foreign fairs are sometimes empty, and sometimes full ; and partly from the speculations, perhaps, the caprice, of traders. And, it has been shown, from the most satisfactory proofs, that the year of profound peace, which immediately succeeds the conclusion of a lengthened war, always exhibits a great exportation, because every merchant makes haste to be rich : Thus, 1698, 1714, 1749, 1764, 1785, and 1802, form epochs of great relative traffic. But, it is from the averages of distant years, at given pe-

riods, that we can, only, form a decided opinion, with regard to the real prosperity, or decay, either of commerce, or of navigation. Thus, from the Restoration, to the Revolution, the foreign trade of England had doubled, in its amount : from the peace of Ryswick to the demise of King William, it had nearly risen in the same proportion. During the first thirty years of the late century, it had again doubled : and from the year 1750 to 1774, notwithstanding the interruptions of an eight-years interventional war, it appears to have gained more than one-fourth. We had *four times* more trade, and *five times* more shipping, in 1792, than the nation enjoyed, in 1702 ; * and, we happily enjoyed *eight times* more shipping, and trade, in 1809, than we possessed, in 1700.

Though the late wars seem to have been levelled, rather against the industry of the manufacturer, and the projects of the merchant, than against the force of our fleets, or the power of our armies ; though repeated blows of unusual severities were sometimes given to our navigation, and our traffic ; yet our domestic diligence pursues, with unabated ardour, its usual occupations ; the number of our shipping, at present, is great beyond example ; and our trade, which was said to be almost undone, still rises superior to its losses, and bids defiance to prophecy. Let this consideration, then, comfort every lover of his country ;

* See the *Chronological Table*.

since it is difficult, to animate the despondent, and it is impossible to convince the incredulous.

If, from those exhilarating topics, we turn to the column, in the chronological table, which is occupied, by the balance of trade, we shall find rather an interesting subject of frequent speculation. No disquisition has engaged the pens of a more numerous class of writers, than that fruitful subject; who all complained of the difficulty of their labours, as they were each directed by feeble lights; and who warned their readers of the uncertainty of their conclusions; because their calculations had been formed on very disputable data.

In reviewing their performances, how amusing is it to observe, that though the sagacious Petty, and the experienced Child, the profound Temple, and the intelligent Davenant, had all taken it for granted, as a postulate, which could not be disputed, *that a balance of trade, either favourable, or disadvantageous, enriched, or impoverished, every commercial country*—a writer, as able as the ablest of them, should have, at length, appeared, who denied the truth of its existence, at least of its efficacy! The late Mr Hume seems to have written his fine *Essay on the Balance of Trade*, partly with design, to throw a discredit on the declamations of Mr Gee, “which had struck the nation with an universal panic,” perhaps more, with the laudable purpose, of convincing the public “of the impossibility of our losing our money, by a wrong

balance, as long as we preserve our people, and our industry."

Whatever wise men may determine, with regard to this curious, perhaps, important, speculation, reason, meanwhile, asserts, what experience seems to confirm, "*that there is a certain quantity of bullion sent, by one nation to another, to pay for what they have not been able to compensate by the barter of commodities, or by the remittance of bills of exchange; which may be, therefore, deemed the balance of trade.*" And, a writer on political economy, who is equal to Mr Hume in reach of capacity, and superior to him in accuracy of argument, the late Sir James Stuart, has examined his reasonings, and overturned his system, which is elegant, in its structure, but weak in its foundation. It behoves us, therefore, to look a little more, narrowly, into the state of the traffic, which Britain carries on with the world, in order to discover, if possible, how much bullion she pays to each of her commercial correspondents, or how much she receives, from them.

Admitting that the apparent tide of payments flowed against this Island, anterior to the Revolution, it does not seem easy to discover the exact point of time, when it began to ebb, in a contrary direction.

Sir Philip Meadows, we have seen,
found a balance in our favour, on
an average of the business of 1694
—5—6, of - - - - - L.74,000

The ledger of the inspector-general showed a balance, on the traffic of 1697, of - - - - -	L. 43,320
The re-establishment of peace gave us a return, in 1698, of - - -	1,789,744
But, an increase of imports reduced the balance, in 1699, to - - -	229,593
And an augmentation of exports again raised the balance, in 1700, to - - - - -	498,971

We now behold the dawn of knowledge, in respect to this interesting part of our economy, which has, at all times, been the most enveloped in darkness, and which sometimes introduced all the unpleasantness of uncertainty, and entailed too often the gloom of despondence. But, it ought to be remembered, that whether we import more than we export, is a mere question of fact, which depends on no one's opinion, since, like all other disputable facts, it may be proved, by evidence.

We must recur once more to the ledger of the inspector-general of our foreign trade, as the best evidence, which the nature of the inquiry can furnish, or perhaps ought to be required. After admitting the force of every objection, that has been made, against the entries at the Customhouse, we may apply to that curious record of our traffic,

what the Lord Chief Justice Hale * asserted, with regard to the parish registers of births and burials, "*that it gives a greater demonstration than a hundred notional arguments can either coince or confute.*" It was from that source of accurate information, that the balances were drawn, which are inserted in the foregoing chronological table; and it requires only "*a snatch of sight*" to perceive all the fluctuations of our mercantile dealings with the world, as they were directed by our activity, or our caprice, or remissness; and to decide, with regard to the extent of our gains, at every period, by the settlement of our grand account of profit, and loss, on every commercial adventure. It cannot, as a truth, be admitted, though it has been considered, by some, as a melancholy one, because they inferred from it, "*that we were driving a losing trade,*" that the apparent balance has been less favourable, in the present, than in the preceding reign. In order to account, for this gloomy notice, it was insisted on, that, as we grew more opulent, we became more luxurious, and, as our voluptuousness increased, our industry diminished, till, in the progress of our folly, we found a delight, in sacrificing our diligence, and economy, to the gratifications of a pleasurable moment, during a dissipated age.

But, declamation is oftener used to conceal the bewitching errors of sophistry, than to investigate

* *Origination of Mankind*, p. 207.

the instructive deductions of truth. Considering the balance of trade, as an interesting subject, to a commercial nation, it must be deemed, not only of use, but of importance, to inquire, minutely, which of our mercantile correspondents are our debtors, and which are our creditors; and to state, which country remits us a favourable balance, and to which we are obliged, in our turn, to pay one. Nor, is it sufficiently satisfactory, to contrast the general balances of different periods, in order to form general conclusions, which may be either just, or fallacious, as circumstances are attended to, or neglected. From a particular statement, it will, clearly, appear, that we trade with the greater number of the nations of Europe on an advantageous ground; with few of them on an unfavourable one; that some states, as Italy, Turkey, and Venice, may be considered as of a doubtful kind; because they are not, in their balances, either constantly favourable, or unfavourable. To banish uncertainty from disquisition is always of importance. With this design, it is proposed to state an average of the balance of apparent payments, which was made during the years 1771-2-3 to England, by each corresponding community, or which she made to them: and the averages of these years are taken, in order to discover the genuine balance of trade on the whole, since they seemed to be the least affected, by the approaching storm, of civil, and of foreign wars. Where the scale of remittance vibrates in

suspense, between the countries of doubtful payments, an average of six years is taken, deducting the adverse excesses of import, and of export, from each other.

Let us examine the following detail of our European commerce :

<i>Countries of favourable Balances.</i>	<i>Countries of unfavourable Balances.</i>
Denmark and Norway - L. 78,478	East country [doubtful] L. 100,230
Flanders - - 780,088	Russia - - 822,607
France - - 190,605	Sweden - - 117,365
Germany - - 695,484	Turkey [doubtful] - 120,497
Holland - - 1,464,149	Venice [doubtful] - 11,369
Italy [doubtful] - 43,289	
Portugal ? - 274,132	
Madeira \$ - 9,514	L. 1,172,068
Spain ? - 442,539	
Canaries \$ - 23,347	Favourable balance 3,636,504
Streights - - 113,310	
Ireland - - 663,516	
Isle of Man - - 13,773	
Alderney - - 1,229	
Guernsey [doubtful] - - 6,269	
Jersey [doubtful] - - 8,850	
	L. 4,808,572
L. 4,808,572	

Having thus fairly stated the countries of Europe, from which we receive yearly a balance on our trade, against those, to which we, annually, make unfavourable payments ; and having found, upon striking the difference, that we gained, at the commencement of the late colonial war, a net balance of 3,636,504l., let us now inquire what we gained or lost, by our factories in Africa, and in Asia.

Africa - - - L. 656,599	East Indies - - L. 1,105,511
Unfavourable balance 448,912	
L. 1,105,511	L. 1,105,511

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Having thus found an unfavourable balance on the traffic of our factories, of 448,912l., it is now time to examine the trade of our former, and present, colonies, which has too often been considered, as the only commerce, which is worthy of our care; as if we had gained every thing, and lost nothing by it. Thus,

<i>Favourable Balance.</i>	<i>Unfavourable Balance.</i>
Newfoundland [doubtful] L. 29,484	Antigua - - L. 44,168
Canada - - 187,974	Barbadoes - - 44,969
Nova Scotia - - 14,434	Carolina [doubtful] - 108,050
New England - - 790,244	Hudson's Bay - - 2,501
New York - - 343,992	Jamaica - - 753,770
Pensylvania - - 521,900	Montserrat - - 46,623
Virginia and Maryland [doubtful] - - 165,230	Nevis - - 47,238
Georgia [doubtful] - - 360	St Christopher's - 149,259
Florida - - 37,966	Grenades - - 288,961
Bermudas - - 9,541	Dominica - - 158,447
<hr/>	St Vincent - - 104,238
L. 2,121,125	Tobago - - 16,064
<hr/>	New Providence - 2,094
<hr/>	Tortola - - 23,032
<hr/>	St Croix - - 11,697
<hr/>	St Eustatia - - 5,096
<hr/>	Spanish West Indies - 35,352
<hr/>	Greenland - - 18,274
<hr/>	Balance - 261,291
<hr/>	L. 2,121,125

Let us now recapitulate the foregoing balances:

Gained on our European commerce	-	-	L. 3,636,504
Deduct the loss on the trade of our factories	-	-	448,912
<hr/>			
Gained on the balance of our colony commerce	-	-	L. 3,187,596
<hr/>	261,291		<hr/>
Net balance gained on the trade of England	-	-	L. 3,448,887
Net balance gained on the trade of Scotland, according to an average of 1771—2—3	-	-	435,957
<hr/>			<hr/>
Net gain on the British commerce in 1771—2—3	-	-	L. 3,884,844
Ditto - - in 1792	-	-	5,245,842
<hr/>			<hr/>

Of an extensive building, we vainly attempt to form an accurate judgment of the proportion of the parts, or the beauty of the whole, without measuring the size of the columns, and examining the congruity of the result, by the suitableness of every dimension. Of the British commerce, so luxuriant in its shoots, and so interwoven in its branches, it is equally impossible to discover the total, or relative, products, without calculating the gain, or loss, that ultimately results to the nation, from every market. Thus, in the foregoing statements, we perceive, which of our European customers pay us a balance, favourable, and constant ; which of them are sometimes our debtors, and at other times our creditors ; which of them continually draw an unfavourable balance from us : and, by opposing the averages of the profits, and losses, of every annual adventure to each other, we at length discover, from the result, the vast amount of our gains. The mercantile transactions at our factories in Africa, and Asia, were stated against each other, because they seemed to be of a similar nature. But, whether we ought to consider the balance of 448,912l. as absolutely lost, must depend on the essential circumstance, whether we consume at home the merchandizes of the East, or by exporting them, for the consumption of strangers, we draw back, with interest, what we had only advanced : should the nation prefer the beautiful manufactures of the Indian to her own, we ought to regard her pru-

dence, as on a level, with the indiscretion of the milliner, who adorns her own person, with the gaudy attire, which she had prepared, for the ornament of the great, and the gay. Our former colonies were stated against each other, in order to show the relative advantage of each, as well as the real importance of the whole. Of the valuable products, which were imported from them, and which seem to form so great a balance against the nation, we ought to observe, that they are either gainful, or disadvantageous, as we apply them: we gain by the tobacco, the sugars, the spirits, the drugs, the dyeing-woods, which we re-export to our neighbours: we lose by what we unnecessarily waste.

The colonial war has added, greatly, to our ancient stock of experience, by exhibiting the state of our commerce, in various lights, as it was forced into different channels. The balance of trade has thence assumed a new appearance, as it is shown by the Customhouse books. While the exports were depressed, for a time, as they had been still more, by former wars, the imports rose in the same proportion. The value of both, from England, was,

		Exports.		Imports.
in 1781	—	£.10,579,187	—	£.11,919,743
82	—	12,363,682	—	9,932,807
83	—	14,638,463	—	12,114,644
84	—	14,804,162	—	14,119,370
89	—	17,989,395	—	16,408,040
90	—	18,884,716	—	17,442,738
91	—	21,435,459	—	17,688,152
92	—	23,674,316	—	17,897,701
<hr/>				

The number of ships, which, during those years, entered inwards, have also increased, fully, equal to the augmented value of cargoes. But, were we to form a judgement of the balance of trade, by the difference, which thus appears, from the Customhouse books, we should be led to manifest error. Let us take the year 1784, for an example. Thus stood

	Exports.	Imports.	Balance.
The East-India trade —	£. 730,858	— £.2,996,548	— £.2,265,690
The West-India trade —	1,160,070	— 3,372,785	— 2,212,715
The Greenland trade —	—	— 54,050 —	— 54,050
	<hr/>	<hr/>	<hr/>
	£.1,890,928	— £.6,423,383	— £.4,532,455
	<hr/>	<hr/>	<hr/>

Yet, those £.4,532,455, consisting of the importations, from our factories, our colonies, and fishery, create no legitimate balance, however much this vast sum may deduct from the apparent balance of the Customhouse account. The same statement, and the same observation, may be made, with regard to the trade of Scotland. To this may be added, a melancholy truth, that we have lost the export of corn, to the annual value of a million, which is said to be owing, rather to an increase of people, than to a decline of agriculture; and which passed, with so much advantage, into the balance of 1749—50—51. In years of scarcity, we now import large quantities of corn; and when so great a sum is taken from the one scale; and thrown into the other, the difference on the apparent balance must, necessarily, be immense.

Of the truth of these reasonings, and of those facts, the general exchanges, which are universally admitted to have been, for some years, extremely favourable to Great Britain, are a sufficient confirmation. When there exists no great disorder, in the current coin, the exchange is no bad test, though it is not an absolute proof, on which side the balance of payments turns, whether against a commercial country, or for it. The vast importations of foreign coin, and bullion, since the establishment of peace, prove how much, and how generally, the exchanges have run, in favour of this enterprising nation. And the price of bullion, which, during this period, has been much lower, than had ever been known, leads us to infer, that the extent of those importations has been, proportionally, great.

In considering the balance of trade, it is to be lamented, that we cannot obtain, from the tonnage of vessels, entering inwards, the same satisfactory information, as we have already gained, from the numbers of shipping, which, having carried out the merchandizes, were brought, as a confirmation of the value of exported cargoes: for, the materials of manufacture being much bulkier, than the manufactures themselves, require a greater number of transports. It may, however, give a new view of an engaging subject, to see the tonnage of vessels, which entered inwards at different periods, compared with the supposed balance of trade.

Ships cleared Outwards.—1709.—Ships entered Inwards.

Tons Eng.	Do. foreign.	Total.	Tons Eng.	Do. foreign.	Total.
243,693	— 45,625	— 289,318	89,298	— 33,901	— 123,199
			Favourable balance of tonnage	— -	166,119
		<u>289,318</u>			<u>166,119</u>
			Balance of merchandize sent out, exclusive of bullion	— -	289,318 L.1,402,764
					<u>289,318</u>

Ships cleared Outwards.—1718.—Ships entered Inwards.

Tons. Eng.	Do. foreign.	Total.	Tons. Eng.	Do. foreign.	Total.
427,962	— 16,809	— 444,771	353,871	— 15,517	— 369,388
			Favourable balance of tonnage	— -	75,383
		<u>444,771</u>			<u>75,383</u>
Unfavourable balance of merchandize sent out, exclusive of bullion	L. 308,000				<u>444,771</u>

Ships cleared Outwards.—1737.—Ships entered Inwards.

Tons Eng.	Do. foreign.	Total.	Tons Eng.	Do. foreign.	Total.
476,941	— 26,627	— 503,568	374,593	— 45,409	— 420,002
			Favourable balance of tonnage	— -	83,566
		<u>503,568</u>			<u>83,566</u>
			Balance of merchandize sent out, exclusive of bullion	— -	503,568 L.3,008,074
					<u>503,568</u>

Ships cleared Outwards—1751-2-3.—Ships entered Inwards.

Tons Eng.	Do. foreign.	Total.	Tons Eng.	Do. foreign.	Total.
612,485	— 42,593	— 655,078	435,091	— 61,303	— 496,394
			Favourable balance of tonnage	— -	158,684
		<u>655,078</u>			<u>158,684</u>
			Balance of merchandize sent out, exclusive of bullion	— -	655,078 L.3,966,727
					<u>655,078</u>

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Ships cleared Outwards—1771-2-3.—Ships entered Inwards.

Tons Eng. Do. foreign. Total. 791,057 — 61,874 — 852,931	Tons Eng. Do. foreign. Total. 648,747 — 121,346 — 770,093
Favourable balance of tonnage - - - - 82,838	
852,931	852,931

Balance of merchandize sent out, exclusive of bullion - - L.3,518,841

Ships cleared Outwards.—1784.—Ships entered Inwards.

Tons. Eng. Do. foreign. Total. 846,355 — 113,064 — 959,419	Tons Eng. Do. foreign. Total. 869,241 — 199,168 — 1,068,409
Unfavourable balance — 108,990	
1,068,409	1,068,409

Balance of merchandize sent out - - L.684,792
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Ships cleared Outwards.—1790-1-2.—Ships entered Inwards.

Tons Eng. Do. foreign. Total. 1,329,979 — 163,778 — 1,493,757	Tons Eng. Do. foreign. Total. 1,251,741 — 284,948 — 1,536,689
Unfavourable balance — 42,932	
1,536,689	1,536,689

Balance of merchandize sent out, exclusive of bullion - - L.3,655,300

From the foregoing facts, men will probably draw their inferences, with regard to our debility, and decline, or to our healthfulness, and advancement, according to their usual modes of thinking, to their accustomed gloominess, or hilarity, of mind, or to the effusions of the company, which they commonly keep. One party, taking it for granted, amid their anxieties, that the national commerce, domestic, and foreign, is in the last stage of a consumption, may possibly attribute a supposed idleness, and inattention, to the excess-

sive luxury, in kind the most pernicious, in extent the most extravagant, which deeply pervade every order : the other party, directed in their inquiries, by an habitual cheerfulness, may perhaps determine, from the busy occupations, which they see in the shop, and the field, as to our activity and attention, the natural forerunners of prosperity, and acquisition ; thinking that they perceive, in the heavy loaded ships, as they arrive, *the materials* of a manufacture, extensive, and increasing. If any one wish, for the aid of experience, in fixing his judgment, he need only examine the affairs of the American States, and of Ireland, during the effluxion of the last hundred years. A great balance of trade stood constantly against both those countries ; yet, both have more than trebled the numbers of their people, the amount of their productive labour, the value of their exported merchandize, and the extent of their real wealth. *Fact* has, at length, interposed to give certainty to doubt ; and *demonstration* has arrived to dispel gloominess, and to strengthen hope. The late Inspector-General of the Customs, Mr Irving, whose services to the public will not soon be forgotten ; and who, indeed, ought not to be mentioned, but with praise ; stated to the Committee of Secrecy of the House of Lords, from the details before him, that our *balance of trade*, according to a four-years average, ended in January 1796, amounted to *ten millions and a half*, yearly ;

including, indeed, four millions, as the annual profits of our East, and West, India trades ; and supposing, that the value of British manufactures exported, exceeded the Customhouse value, about *thirty* per cent. From various enquiries, both private and public, more additional light has been thrown on this obscure, but interesting topic of the balance of trade : and by distinguishing the *real value* of the *imports*, from the *real value* of our *exports*, a much more probable balance has been more recently ascertained : Thus were the imports, and exports of the following years adjusted :—

Years.	The Exports were of (Real Value.)	Imports were of (Real Value.)	The Balance of Trade in real Value.
In 1805 - -	51,109,191	44,492,697	6,616,494
1806 - -	53,028,881	42,595,154	10,433,727
1807 - -	50,482,661	44,615,715	5,866,946
1808 - -	49,969,746	37,488,456	12,481,290
1809 - -	* 66,017,712	51,193,063	14,884,649

* In this account, the *Exports* are stated, according to the *real value*, exclusive of the freights outwards, and the mercantile profit : The *Imports* are stated, according to the *real value*, *including* the *freight*, and *mercantile profit*; but *exclusive* of the *duties* : And there are deducted, from the gross imports, the produce of the Newfoundland, Greenland, and South Whale Fisheries, the surplus imports, from the British colonies, and the surplus imports, from British India. See the Account made up by the Inspector-Gen-

From the balance of trade, which, as an interesting subject, seemed to merit ample discussion, it is proper to advert to *the column of customs*, in the chronological table; because we may derive a supplemental proof of the successive increase of our trade, of our commercial knowledge, and of our real opulence. Those duties had their commencement, from the act of tonnage and poundage, at the Restoration, when the whole customs did not much exceed 400,000l. This law, which imposed 5 *per cent.* of the value on goods *exported*, as well as on goods imported, on *domestic manufactures*, as well as on foreign merchandizes; and which laid particular taxes on *our own woollens*, and double taxes on all goods, when sent out by aliens; was, surely, framed by no very judicious plan, though two and a half *per cent.* of the value were allowed, to be drawn back on goods that, having been imported, should be again sent out, in a twelvemonth. The publications of Mun, of Fortrey, and of Child, soon after the Restoration, diffused more acquaintance, with commercial legislation. The alien duties on the export of native commodities, and domestic manufactures, were judiciously repealed, in 1673. The taxes on the exportation of woollens, of corn, meal, and bread, were happily removed in 1700. Yet, it was not till 1722, that, on a systematic

plan, in the Bullion Report, App. No. 73; and his Explanations, in the Minutes of Evidence, 144.

consideration of the burdens, which obstructed trade, all duties on the export of British manufactures were withdrawn, except on a few articles, which, being regarded, as *materials*, were still to be sent to rival nations, with discouragements. These meliorations were, doubtless, considerable incentives to exportation, by enabling the merchants, to send the goods so much cheaper to market. But, the imports were discouraged then, and have been, successively, burdened, with new subsidies, and additional duties, till the nett revenue of customs, after various improvements, swelled to 4,027,230l., in 1792, * to 7,538,355l. in 1799; and in the progress of war, and taxation, to 6,087,569l., in 1802, and to 10,289,807l., in 1809.

* When the eye is thrown over the Column of Customs, in the Chronological Table, especially, since the year 1785, it immediately perceives inequalities, in the produce of particular years, which were owing to particular causes. Suspended duties, which were due from the East India Company, in the years 1782, and 1783, were paid in 1785, and in 1786. The regulations of wine, which took place on the 5th of July 1786, and on tobacco, the 10th of October 1789, made great changes in the customs. And, by the Consolidation-Act, which commenced in 1787, a considerable advantage was gained, for the revenue of customs, as well as for the promotion of trade, by the beneficial arrangements of the duties. The increase of the nett duties of customs is, in other respects, to be attributed to the augmentation of commerce, and to the prevention of smuggling, and also, to additional taxes, during the war of 1793.

The column of coinage was introduced, in the last place, as its proper station ; because the increase of coins, by means of the operations of the mint, arise naturally from the profits of commerce, at least, from the demand of circulation : and of consequence, the quantity of circulating money must, in every country, be in proportion, nearly, to the extent of business, or frequency of transfers. The fears of men, with regard to a wrong balance of trade, have not been, at any time, greater, than the continual dread of a total deprivation of our coins. And, both those passions, have produced a numerous class of writers, who have published their theories, not so much, perhaps, to enlighten the world, as to give vent to their lamentations.

While the rents of the land were paid, in its products ; while the freemen contributed personal service, instead of a specified tax ; and while the arts had not yet been divided into their classes, there would be little use, for the convenient measure of coins. The conversion of almost every service, and duty, into a payment of money, marks a considerable change, in our domestic affairs. And in proportion, as refinement gained ground of rudeness, as industry prevailed over idleness, as manufacture found its way into the nation, and as commerce extended its operations, and its influence, coins must have become more numerous, in the subsequent ages ; because they were more necessary. From the happy accession

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of Elizabeth, we may trace, with sufficient cer-
tainty, the progress, and extent, of our public
coinage.

Coined by Queen Elizabeth, including the debased silver of the three preceding reigns	- - -	in gold	- L. 1,200,000
		in silver	- 4,632,932
			————— L. 5,832,932
By King James	- - -	in gold	- L. 800,000
		in silver	- 1,700,000
			————— L. 2,500,000
By Charles I.	- - -	in gold	- L. 1,723,000
		in silver	- 8,776,544
			————— L. 10,499,544
By the Parliament, and Cromwell, in silver	- - -		— 1,000,000
Total coined, during a century, from 1558, to 1659, ^a	-	in gold	- L. 3,723,000
		in silver	- 16,105,476
			————— L. 19,832,476
Coined by Charles II.	- - -		L. 7,524,105
by James II.	- - -		2,737,637
			————— b L. 10,261,742
by William III. (including the re-coining)			— ^c 10,511,963
by Anne	- - -		— ^d 2,693,626
by George I.	- - -		— ^e 8,725,921
by George II. ^f from 1726 to 1760	in gold	L. 11,662,216	
	in silver	304,360	
			————— L. 11,966,576
Total coined, during a century, from 1659 to 1760	-		L. 44,157,828
There was coined by George III., from October 1760 to the end of 1772, of gold, in tale	- - - - -		L. 8,819,390
From 1773 to 1774 inclusive, being chiefly the re-coining of gold, in tale	- - - - -		19,591,835
The coinage of gold, from 1778 to 1796, inclusive	-		28,863,437
Ditto — Ditto, from 1797 to 1809, inclusive	-		8,940,114
Carry over—The Total of gold in this reign	- - -		L. 66,214,774

^a And. Com. ii. 105. ^b Ralph Hist. i. 1078. ^c Campbell's Survey.
^d Ib. ^e Tower Records. ^f Mint account.

Brought over—The Total of gold, in this reign	- - -	L. 66,214,774
The total of silver coined, in this reign	- - -	63,419
The total of both to the end of 1809	- - -	L. 66,278,193

It did not, however, escape the penetration of Davenant, or perhaps the sagacity of preceding writers,—“ *that all this money was not co-existing, at any one time;* ” and he, therefore, endeavoured, with his usual industry, to ascertain the probable amount of the number of our coins, during every period, to which either his *conjecture*, or his *calculation*, could reach.

In 1660, as he states,* there probably existed,

in gold	L. 1,500,000
in silver	2,500,000
	———— L. 4,000,000;

which were the tools, said he, we had to work with, when we first began to make a figure, in the commercial world.

In 1660, there were only, in all likelihood, co-existing, of every preceding coinage, - - - - L. 14,000,000.

Sir William Petty,† who lived nearer the time, and had better information, asserts, “ that the recoinage, at the happy Restoration, amounted to L. 5,600,600; whereby it is probable (some allowance being given for hoarded money) that the whole cash of England was then.

about - - - - - L. 6,000,000; which, he conceived, was sufficient, to drive the trade of England.”

A consideration of the progress of our com-

* Whit. edit. vol. i. p. 364.

† Pol. Arith. p. 278.

merce, from 1600 to 1660, as well as the extent of our mercantile transactions, will enable us, to decide, which of the calculators was most accurate, in his statement, and most satisfactory, in his inference. Sir Josiah Child, indeed, remarked, in 1665,* “*that all sorts of men complain much of the scarcity of money*; yet, that men did complain, as much of a scarcity of money, ever since I knew the world; for, *that this humour of complaining proceeds, from the frailty of our natures*; it being natural for mankind to complain of the present, and to commend the times past.” That experienced man attributed “*the pressing necessity, for money, so visible, throughout the kingdom*, to the trade of *bankering*, which obstructs circulation, and advances usury.” And, from Child’s State of the Nation, during several years, subsequent to the Restoration, we may infer, that Petty was nearer the truth, in his representation, than Davenant.

If the amount of our traffic, foreign, and domestic, doubled, in the active period, between the Restoration and the Revolution, we ought, from that circumstance, to conclude, that the quantity of circulating coin ought to have been in the proportion of six to twelve; consequently, If there had been, in 1660, - - L. 6,000,000, There ought to have been in 1688 12,000,000: Yet, after a variety of *conjectures*

* And. Com. vol. ii. p. 142.

and *calculations*, Davenant states*

it at - - - - - L. 18,500,000;

which, he insisted, was altogether necessary, for carrying on our foreign, and domestic, traffic. But, the result of those conjectures, and of those calculations, derives little support, and less authenticity, from the facts before-mentioned ; which showed, that a country, which, for so many years paid considerable balances to the world, could not abound in coins. And there was a circumstance of still greater weight, that seems to have been little attended to, by historians, or by theorists : a rise in the interest of money evinces a scarcity of specie ; at least it demonstrates, that the supply is not sufficient, for every demand. The *natural* interest of money was eight *per cent.* from 1624 to 1645 ; and it, from this year, gradually, fell to six *per cent.* before the Restoration ; so that the Parliament were enabled, in 1651, to fix, by ordinance, the *legal* interest at six *per cent.* ; † which was confirmed, by statute, at the Restoration. ‡ But, the *natural* interest of money, gradually, rose again, from six *per cent.* in 1660, to seven pounds six shillings and six-pence in 1690 ; and from this year to seven pounds ten shillings *per cent.* before the peace of Ryswick ; owing to the pressures of King Wil-

* Whit. edit. Vol. I. p. 367.

† And. Com. Vol. II. p. 85.

‡ 12 Ch. II. c. 13.

William's war, and the deteriorated coins. From 1697, the natural interest of money gradually sunk, before the year 1706, to six per cent. ; and continuing to fall, the Parliament were, thereby, induced [1713] to fix, by statute, the *legal* interest at five per cent. Yet,

In 1711, Davenant states, “*that there might be of gold and silver coin in being,*” to the amount of - - - L. 12,000,000

In 1688, he had, already, found - 18,500,000

Decrease in three-and-twenty years L. 6,500,000

It is highly probable, however, that the value of the circulating coins might amount to 12,000,000l., in 1711. The gradual advance of our domestic industry, and foreign traffic, the reform of the silver coin, the consequent augmentation of taxes, and circulation, the greater credit, both public and private, the sinking of the *natural* interest of money ; all demonstrate the impossibility of any great diminution of our coins, during the period, from the Revolution to the year 1711, though much of the re-coinage had been melted. Anderson,* having given his suffrage to Davenant's statement of 1711, says, “That we may reasonably conclude, as our trade is, considerably, increased in fifty-one years, the gold and silver ac-

* *Commerce*, Vol. II. p. 105.

tually existing in Britain [1762] cannot be less than - - - - L. 16,000,000 : "

And we may fairly infer, from the reasonings of Anderson, that the gold, and silver coins actually existing now [1786] amount to upwards of - - - - L. 24,000,000

Yet, neither Davenant, nor Anderson, seems to have adverted that, from the Epoch of the Bank of England, in 1694, *paper money* must have supplied, very commodiously, the place of many coins.

We have seen, during the present reign, an extraordinary augmentation of our manufactures, and our trade, a quicker transfer of property, a vast credit, a productive revenue, an unexampled demand, at the mint, for its coins ; which all evince a greater use for money ; and, consequently, a proportional supply. Speculation has been actually confirmed by facts, and experience. When, by an admirable operation, a salutary reform was made of the gold coin, there appeared, in consequence of that measure, a much greater quantity of circulating specie, than speculators had supposed, in opposition to experience.

The three proclamations—of 1773—of 1774—and 1776, brought in, of defective gold coin,

the value, in tale, of - - - L. 15,563,593

There, moreover, were three several sums of foreign gold, and light guineas, sent to the mint, by the Bank of England, from the end of 1771, to the end of

1777	—	—	<u>5,200,723</u>
------	---	---	------------------

The total re-coined — L. 20,764,316

There remained, in the circle, heavy guineas of the former, and present, reign, light guineas, which were not brought in, and silver — — L. 2,055,763

There also were about two millions of light guineas sent to America, during the war, valued at — — L. 2,000,000

<u>L. 24,820,079*</u>

If, from the amount of the gold coinage of the present reign to the end of 1809 — — L. 66,214,774

the sum of the re-coinage, at the end of 1777, be deducted — 19,591,833

we shall see, in the result, the sum, which the increasing demand of the present reign required, at the mint, exclusive of the re-coinage and the melting pot — L. 46,622,941

* Lord Auckland's Letters, p. 215; Mr Rose's Brief Examination, App. No. 4.

If one third only was withdrawn from the circle of commerce, this circumstance alone, when compared with the quantity of money which, in 1777, was actually found in circulation, would demonstrate the existence of a greater number of coins ; and, consequently, the amount, in tale, of 31,081,961l. in gold ; and in silver, about 2,250,000l. to animate our traffic, in daily use. * But, whatever were the amount of the gold circulation, in 1797, it was almost all withdrawn, from the circle, when the *restriction* was imposed on the Bank by Parliament. The void, which was thereby left, was immediately supplied by the Bank cash, and by the country bank paper. And it thus becomes of some importance to state the amount of both, in 1809, from the examination of the Bullion Committee :

The average amount of Bank cash, which circulated, in 1789, was ; of notes of 5l. and upwards	L. 13,173,900
of ditto of 1l. and 2l.	4,841,800
Carry over—The total of both	+ L. 18,015,700

* Such was the opinion of the Lords of the Committee of the most honourable Privy Council, appointed for considering the state of the coin. (Report, p. 2-5.) Mr Whitmore, the governor of the Bank, however, stated to the Bullion Committee, as his opinion, that the gold coin in circulation (*exclusive of what was in the coffers of the Bank*) during the three years which preceded the restriction, in 1797, had been rather below, than above 20,000,000l. † Now ; if we suppose, that one half of the gold coined from 1760 to 1796 inclusive, remained in circulation in 1796, this would be 28,665,603l.

† Appen. to Bullion Report, No. 37.

‡ Minutes of Evidence, p. 121.

Brought over—The total of both L. 18,015,700
 Mr Tritton, the banker, stated, that the country bank notes, in circulation, during 1809, including those of Scotland, were supposed to amount to - - - + L. 20,000,000
 Mr Richardson, the agent for the country banks, stated, that he had heard the amount of such notes calculated at - - - + 30,000,000

Taking the medium of these two estimates, and dividing the Scottish circulation, the result will be, as the country notes in England - 22,500,000
 Add the notes circulating in Scotland, as stated by Mr Gilchrist § - - - - 2,500,000

The whole circulation in Britain, in 1809 - L. 43,015,700

And, great as that sum seems to be, yet is it less, than foreigners supposed, when the vast dealings at home, and abroad, of so opulent, and commercial a country are properly considered.

In this manner, then, have I reviewed the *Chronological Table*, with regard to our Shipping, our Exports, the Balance of our Trade, the Revenue of Customs, and the successive operations of the Mint. The *Chronological Table* gives, as it were, a bird's eye view of our whole commercial concerns, from the Restoration to the present time, a long, and busy period, of domestic dispute, and foreign war. And, the *Chronological Table* exhibits a retrospective mirror of our traffic, and revenue

+ Minutes of Evidence, p. 140:

‡ Ib. 149. § Ib. 113.

venue, which reflects a very flattering prospect of our future prosperity, with regard to all, that constitutes the opulence of individuals, as well as the power of the State. We may, at length, address the *despondent*, with the gaiety of Swift :

“ Canst thou take delight in viewing
This poor Isle’s approaching ruin,
When thy *retrospection* vast
Sees the glorious ages past ?
Happy nation, were we blind,
Or had only eyes behind ! ”

C H A P. XV.

The Controversy on the Populousness of Britain revived.—The Parties.—A Review of their Publications.—An Examination of the Argument;—from Reasoning—from Facts—from Experience.—The augmented Populousness of Ireland.—The Increase of People, in Scotland.—The general Result.

THE contest, which had been carried on, during the war of 1756, between Dr Brackenridge, and Dr Forster, with regard to the effects of our policy, both in war, and in peace, on population, was revived, amidst our colonial contests, by the late Dr Price, and his opponents. This last controversy furnishes much more instruction, with regard to a very interesting subject, than the former; as the disputants took a wider range, and collected, in their course, many new facts. Dr Price revived the dispute, by contributing an Appendix to Mr Morgan's Essay on Annuities, wherein the Doctor attempted to prove, by ingenuous remarks on births, and burials, a gradual decline, in the populousness of Great Britain. He was soon encountered, by Mr Arthur Young, who justly inferred, from the progress of improve-

ments in agriculture, in manufactures, and in commerce, an augmentation, in the number of people. Lord Auckland published, in 1779, elegant criticisms* on Dr Price; by which he endeavoured to invalidate the argument, that had been drawn, from a comparison of the number of houses, at the Revolution and at present; insisting that the first must have been less, and the last, much greater, than the text had allowed. In his reply, the Doctor showed some mistakes, in his antagonist, without adding much to the force of his argument. Yet, if we may credit his coadjutor, who entered, zealously, into all his prejudices, *he considered his system as more firmly established than ever.* †

This long continued controversy now found other supporters. Mr Wales published his Accurate Inquiry, in 1781. With considerable success, he overthrows Dr Price's fundamental argument, from the comparison of houses, at different periods; by showing, that the returns of houses to the tax-office are not always precise; by proving, from actual enumerations of several towns, at distant periods, that they had certainly increased; by evincing, from the augmented number of births, that there must be a greater number of breeders. This able performance was immediate-

* In his Letters to Lord Carlisle.

† Uncertainty of Population, p. 9.

Iy followed, by Mr Howlet's still more extensive examination of Dr Price's essay. Mr Howlet expands the arguments of Mr Wales ; he adds some illustrations ; and, what is of still greater importance, in every inquiry, he establishes many additional facts.

The treatises of Messrs Wales, and Howlet, made a great impression on the public ; as facts, in opposition to speculations, must ever make. At the moment, when their publications had gained—a considerable share of popular belief, it was deemed prudent, on the side of Dr Price, to publish—*Uncertainty of the present Population*. This writer, frankly, declares that, *he is convinced, by neither party*, and that he must, consequently, remain *in a comfortable state of sceptical suspense*. His apparent purpose is, to show, in opposition to *the popular belief*, that after all our researches, *we really know nothing, with any certainty*, as to this important part of our political economy. In the sceptical arithmetic of this dubious computer, 1,300,000, when multiplied by 5, produce 6,250,000. Dr Price, and his co-adjutors, seemed unwilling to admit, that if there were, in England and Wales, at Lady-day 1690, 1,300,000 *inhabited houses*, and *five persons*, in each, there must, necessarily, have been, at the same time, 6,500,000 souls : For, they feared the charge of absurdity, in supposing a decrease of *a million and a half of people*, during ninety years of augmented employments : And, they perceived,

that by admitting, that there were, in 1690, six million and a half of people, they would thereby be obliged to admit, that there had been an augmentation of a million and a half, during the foregoing century, notwithstanding the long civil wars, and the vast emigrations. The Doctor published, in 1783, Remarks on those tracts of Messrs Wales, and Howlet.* And, with his usual acuteness, he detects some mistakes; but, with his accustomed pertinacity, he adheres to his former opinions.

The matter in dispute, we are told, † must be determined, not by vague declamation, or speculative argument, but by well-authenticated facts: For, “the grand argument of Dr Price is at once extremely clear, and comprehended, in a very narrow compass.” The following is the state of this *grand argument* :—

That there appeared, by the hearth-books, at Lady-day 1690, to be in England and Wales - - - - - 1,300,000 ;

That there appeared, by the Tax-office books, in 1777, only - - - - - 952,734 :

Whence the Doctor inferred, as a necessary consequence, that there had been a proportional diminution of people, since 1690.

* In his Observations on Reversionary Payments, in 2 vol. 8vo.

† By *Uncertainty of Population*.

Considering how important this subject is to the State, and how much it is connected with the general purpose of this Estimate, I was led to examine, at once, with minuteness, and with brevity, an argument, which has been, ostentatiously, displayed, as equal in its inferences to the certainty of actual enumerations.

In lieu of the obnoxious hearth-tax, the Parliament imposed, in 1696, a duty of two shillings on every house ; six shillings on every house, containing ten windows, and fewer than twenty ; and ten shillings on every house having more than twenty windows ; those occupiers only excepted, who were exempted, from church, and poor rates. And Gregory King computed, with his usual precision, what the tax would produce, before it had yielded a penny : * Thus, says he, the number of *inhabited houses* is - - - - - 1,300,000 ; whereof, under 10 windows 980,000 ; under 20 windows 270,000 ; above 20 windows 50,000 .

————— 1,300,000.

Out of which deducting,

for those receiving alms	- - - - -	330,000 houses at 2s.	£. 33,000
for those not paying to church and poor	380,000	———— 2s. 4d.	44,000
for omissions, frauds, and defaulters	- 40,000	———— 4s.	8,000
Insolvent	- - - - -	750,000	£. 85,000
Solvent	- - - - -	550,000; paying nett	- 119,000

* Pol. Observ. Brit. Mus. Harl. MSS. No. 1898.

However many *insolvent* houses were thus deducted, from the 1,300,000 *inhabited houses*, Gregory King allowed, at last, too many *solvent* ones. This truth may be inferred, from the following facts. There remains, in the tax-office, * a particular account of the money, which each county paid in 1701, for the before-mentioned tax of 1696, from the assessments of Lady-day 1700, and which amounted to - - - - - L. 115,226.

But, the oldest list of houses, which specifically paid the tax of 1696, is “*an account made up, for 1708, from an old survey book,*” but from prior assessments: And this account stands thus :

Houses at 2s. — 248,784, produced	L. 24,878
6s. — 165,856, —————	49,757
10s. — 93,876, —————	46,398
—————	—————
508,516, producing	L. 121,033
—————	—————

He who does not see a marvellous coincidence, † between this official document and the previous calculation of Gregory King, must be blind, indeed.

* I have ransacked the Tax-office, for information on this litigated, but important subject; and I was assisted, in my researches, by the intelligent officers of this department, with an alacrity, which showed, that, having fully performed their duty to the public, they did not fear minute inspection.

† The houses having *upwards* of twenty windows, in the Tax-office account of 1781, are 52,373. The number of the same kind, allowed by King, is 50,000: But he is not so fortunate, in his other calculations.

The solvent houses of King, and the charged houses of 1708, are of the same kind, both being those houses, which *actually paid*, or were supposed to have paid, the tax. And, Mr Henry Reid, a comptroller of the Tax-office, who was noted, for his minute diligence, and attentive accuracy, reported to the Treasury, in October 1754, that the old duties, on an average, produced yearly, from 1696 to 1709, - - - - - L. 118,839.*

But, there must have, necessarily, been a great many more houses, in 1708, than the 508,516, charged, and paying 121,033l. In the twelve years, from 1696, there could have been no great waste of houses, however powerful the destructive cause might have been. And Gregory King, in order to make up his thirteen hundred thousand houses, calculated the dwellings of the poor, in 1696, at - - - - - - - - - 710,000; and of defaulters, &c. at - - - - - 40,000;

750,000.

Davenant † stated, in 1695, from the hearth-books, the cottages, *inhabited by the poorer sort*, at 500,000; and he afterwards asserts, as Doctor Price observed, that there were, in 1689, houses, called cottages, having one hearth, to the number of 554,631: whence we may, equally, suppose, that there were dwellings, having two hearths, a very considerable number, whose inhabitants, either receiving alms, or

* Gregory King calculated the tax, beforehand, at 119,000L

† Vol. i. edit. 1st, p. 5.

paying nothing, did not contribute to the tax of 1696: so that, in 1708, there must have certainly existed 710,000 dwellings of the poor; as this number had certainly existed, in 1696.

Mr Henry Reid, moreover, reported to the Treasury, in 1754, that in the year 1710, when an additional duty took place, it became an universal practice, to stop up lights; so that, in 1710, the old duties yielded, only, 115,675l.:—And for some years, both the old, and the new, duty suffered much, from this cause; as there was no penalty, for the stopping of windows. Other duties, continues he, were imposed in 1747;* so that from Lady-day 1747, to Lady-day 1748, the whole duties yielded 208,093l.; and, an explanatory act having passed in 1748, the duties yielded, for the year, ending at Lady-day 1749, 220,890l.: But, other modes of evading the law being soon found, the duties decreased year after year.—And thus much from the intelligent Mr Henry Reid, who never dreamed of houses falling into non-existence.

* By the 20 Geo. II. ch. 3; which recites, that whereas it hath often been found, from experience, that the duties granted, by former acts of Parliament, have been greatly lessened, by means of persons, frequently, stopping up windows, in their dwelling-houses, in order to evade payment; and it hath often happened, that several assessments have not been made, in due time; and that persons remove to other parishes, without paying the duty, for the houses so quitted, to the prejudice of the revenue: But, the legislature does *not* recite, that houses, daily, fell down, or that the numbers of the people, yearly, declined.

The first account of houses, which now appears to have been made up, subsequent to that of 1708, is the account of 1750, and the last is that of 1781. With the foregoing data before us, we may, now form a judgment, sufficiently, precise, in respect to the progress of our houses, charged, and chargeable, with the house and window tax :

The charged, in 1696, according to King,	550,000
The chargeable, according to him,	- 40,000
	—————
	590,000
The charged, and chargeable, in 1750,	729,048*
	—————
Increase in 54 years - - -	139,048
	—————
The charged, in 1708 - - -	508,516
The chargeable, let us suppose	- 100,000
	—————
	608,516
The charged, and chargeable, in 1781,	721,351
	—————
Increase in 73 years - - -	112,835.
	—————

Here, then, is a solution of the difficult problem, in political economy, which has engaged so many able pens, Whether there exist as many houses, at present, as there certainly were, in England

* This high number in 1750, was probably owing to the act of parliament, 20 Geo. II. which had just passed, when new modes of circumvention had not yet taken place.

and Wales, at the Revolution; at least, the question is decided, as to the number of houses, *charged*, and *chargeable*, with the window and house tax: And, of consequence, the middling, and higher ranks of men must, with the number of their dwellings, have, necessarily, increased.

A great difficulty, it must be admitted, still remains, which cannot be altogether removed, though many obstructions may be cleared away. The difficulty consists, in ascertaining, with equal precision, the number of dwellings, which have been exempted, by law, from every tax, since 1690, on account of the poverty of the dwellers. The litigated point must at last be determined, by an answer to the question, Whether the lower orders are more numerous, in the present day, than they were in 1690?

A modern society has been compared, with equal elegance, and truth, to a pyramid, having the higher ranks for its point, and the lower orders for its base. Gregory King left us an account of the people, minutely divided into their several classes, which, though formed, for a different purpose, contains sufficient accuracy, for the present argument.*

* Davenant's works, 6 vol. Scheme D, which was copied from Gregory King's Observations, p. 15, with some inaccuracies.

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RANKS	Number of Families	Heads in each.	Number of Persons
Spiritual lords - - -	26 -	20 -	520
Temporal lords - - -	160 -	40 -	6,400
Knights - - -	600 -	13 -	7,800
Baronets - - -	800 -	16 -	12,800
Eminent clergymen	2,000 -	6 -	12,000
Eminent merchants	2,000 -	8 -	16,000
Esquires - - -	3,000 -	10 -	30,000
Gentlemen - - -	12,000 -	8 -	96,000
Military officers - -	4,000 -	4 -	16,000
Naval officers - -	5,000 -	4 -	20,000
Persons in lesser offices - - -	5,000 -	6 -	30,000
Persons in higher offices - - -	5,000 -	8 -	40,000
Lesser clergymen - -	8,000 -	5 -	40,000
Lesser merchants - -	8,000 -	6 -	48,000
Persons in the law - -	10,000 -	7 -	70,000
Persons of the liberal arts - - -	15,000 -	5 -	75,000
Freeholders of the better sort - -	40,000 -	7 -	280,000
Shopkeepers and tradesmen - -	50,000 -	4½ -	225,000
Artizans - - -	60,000 -	4 -	240,000
Freeholders of the lesser sort - -	120,000 -	5½ -	660,000
Farmers - - -	150,000 -	5 -	750,000
Gipsies, thieves, beggars, &c. - -	—	— -	30,000
Common soldiers - -	35,000 -	2 -	70,000
Common sailors - -	50,000 -	3 -	150,000
Labourers and out-servants - -	364,000 -	3½ -	1,274,000
Cottagers and paupers - -	400,000 -	3½ -	1,300,000
			<hr/> 5,499,250

If this division of the people should be deemed only probable, it would prove, with sufficient conviction, how many dwellings the two last classes required to shelter them, since they contained no fewer than *two million five hundred and seventy-four thousand persons*. Gregory King allotted for them, as we have seen, 550,000 houses. And, it is apparent, that if the two lower orders of men have augmented, with the progress, which has been traced, in our agriculture, and manufactures, in our traffic and navigation, such persons must, necessarily, dwell, in a greater number of houses.

Davenant has shown, that the poor rates of England and Wales amounted, towards the end of Charles II.'s reign, to - - - L. 665,302. By an account given in to parliament, in 1776, the poor rates amounted to - - - L. 1,556,804.

However this vast sum, which is, probably, under the truth, may have been misapplied, or wasted; yet, every one, who received his proportion of it, as alms, was exempted from the tax on chargeable houses, and must have, consequently, swelled the number of cottagers.

Whatever the term *cottage* may have signified, formerly, it was described, by the statute of the 20 Geo. II. as a house, having nine windows, or under, whose inhabitant either receives alms, or does not pay to church, and poor. But, we are

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not inquiring about *the word*, but *the thing*; whether the dwellings of the lower orders, of whatever denomination, have increased, or diminished, since the Revolution: and *the end* of this inquiry is, to find, whether the lower orders of men have decreased, or augmented.

The argument, for a decreased number of cottages, is this: Gregory King, from a view of the hearth-books of 1690, (which yet did not contain the cottages, since they were not chargeable with the hearth-tax), calculated the dwellings of those, who either received alms, or did not give any, at - - - - - 550,000. The surveyors of houses returned the number of cottages, in 1759, * at - 282,429; and in 1784 - - - 284,459.

Forster, the antagonist of Brackenridge, was the first, probably, who objected to the accuracy of the surveyors' returns, with regard to *all* houses. Having obtained the *collectors' rolls*, he had counted, in 1757, the number of houses in nine contiguous parishes; whereby he found that, out of 588 houses, only 177 paid the tax; that Lambourn

* This is the first year, says Dr Price, that an order was given to return the cottages excused for poverty. I have in my possession some returns which were made of cottages in 1757, and which, having escaped the destruction of time, evince previous orders, and previous performance. There was, in fact, an account of the cottages made up at the tax-office in 1756.

parish, wherein there is a market-town, contains 445 houses, of which 229 only paid the tax. When it was objected to Forster, that this survey was too narrow, for a general average, he added, afterwards, nine other parishes, in distant counties; whereby it appeared, that of 1,045 houses, only 347 were charged, with the duty; whence he inferred, that the *cottages* were to the *taxable houses* as more than *two to one*. * Mr Wales equally objected to the truth of the surveyors' returns, in their full extent. And Mr Howlet endeavoured, with no small success, to calculate the average of their errors, in order to evince what ought, probably, to have been the true amount of the genuine numbers. In this calculation, Doctor Price hath doubtless shown petty faults; yet, is there sufficient reason to conclude, with Dr Forster, and Mr Howlet, that the houses returned to the tax-office are to the whole, as 17 are to 29, nearly. It will at last be found, that the returns of *taxable houses* are very near the truth; but that the reports of *exempted houses* cannot, possibly, be true: for 280,000 or even 300,000 cottages, would not contain the two lower orders, who existed, in England, and Wales, at the Revolution; and

* Forster's letter, in December 1760, which the Royal Society declined to publish. [MSS. Birch, Brit. Mus. No. 4440.] The algebraical sophisms of Brackenridge were printed in the foreign gazettes: the true philosophy of Forster, by experiment, and fact, was buried in the rubbish of the Royal Society.

who, with the greatest aid of machinery, could not perform the annual labour of the same countries, at present.

Our agriculture has at all times employed the greatest number of hands; because it forms the support of our manufactures, our traffic, and our navigation. It admits of little dispute, whether our husbandry has been pursued, before, or since the bounty on the export of corn, in 1689, with the greatest skill, diligence, and success. Mr Arthur Young found, in 1770, by inquiries, in the counties, and by calculations, from minutes of sufficient accuracy, that the persons engaged, in farming, alone, amounted to 2,800,000; besides a vast number of people, who are as much maintained, by agriculture, as the ploughman, that tills the soil.* Yet, the two lower ranks of Gregory King, including the labouring people, and out-servants, the cottagers, paupers, and vagrants, amounted, only, to 2,600,000.

Of the general state of our manufactures, at the Revolution, and at present, no comparison can surely be made, as to the extensiveness of their annual value, or to the numerosity of useful people, who were employed by them. The woollen manufacture of Yorkshire alone is, in the present day, of equal extent with the woollen manufactures of England, at the Revolution. By an account, which had been formed, at the aulnager's office, it

* *North. Tour*, vol. iv. p. 364—5.

appears, that the woollen goods exported, in 1688, were valued at two millions, exclusive of the home consumption, that amounted to a much less value.* The manufacturers furnished the Committee of Privy Council, who sat on the Irish arrangements, "with a particular estimate of the Yorkshire woollen manufactures ;" whereby it appeared, that there were exported, yearly, of the value of 2,371,942l., and consumed at home 901,759l. † We know, with sufficient certainty, from the customhouse books, that, after clothing the inhabitants, there were exported of woollens, according to an average of the years 1699—1700—1, the value of - - - - L. 2,561,616; the average of 1769—70—71 - 4,323,464; the average of 1790—91—92 - 5,056,733.

And, this manufacture, which has been, always, regarded, as the greatest, continues to flourish, as we have just seen, and to employ, as it is said, a million and a half of people.

Since the epoch of the Revolution, we may be said to have gained the manufactures of silks, of linen, of cotton, of paper, of iron, and the potteries, with glass; besides other ingenious fabrics, which all employ a very numerous, and useful race. We may, indeed, determine, with regard to the augmentation of our manufactures, and

* MSS. Harl. Brit. Mus. No. 1898, for a minute account.

† The Council Report.

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to the increase of our artizans, from the following detail :

There were exported, according to an average of the years 1699—1700—1701, products, exclusive of the woodens before mentioned, of the value of	- - - - -	L. 2,690,066
Ditto in 1769—70—71	- - -	6,245,304
Ditto in 1790—91—92	- - -	* 10,744,092

Thus, have we demonstration, that while our woollen manufactories nearly doubled, in their extent, during seventy years, our other manufactures had more than trebled, in theirs : And, therefore, it is equally demonstrable, that the

* Such is the exhilarating view, which the exported cargoes exhibit of our prosperity ! The imports of the materials of manufacture will furnish a prospect equally pleasing :—

OF SPANISH WOOL:

There were imported into England, according to a three-years average, ending with 1705	-	lib. 1,020,968
Do.	- - - - -	1720 - 606,313
Do.	- - - - -	1787 - 2,622,101
Do.	- - - - -	1792 - 3,161,914

OF COTTON WOOL.

There were imported into England, according to a five-years average, ending with 1705	-	lb. 1,170,881
Do.	- - - - -	1720 - 2,173,287
Do.	- - - - -	1787 - 16,466,812
Do.	- - - - -	1792 - 29,620,281

great body of artists, who were, constantly, employed in all those manufactories, must have increased, nearly, in the same proportion, during the same busy period.

The whole sailors, who were found in England, by enumeration, in January 1700—1, Men. amounted to - - - * 16,591

By a calculation, which agreed, nearly, with the accuracy of this enumeration, there appeared to have been annually employed in *the merchants' service*, between the years 1764 and 1774, - - - 59,565

In 1792, - - - - - 87,569

	Ships.	Tons.	Men.
The tonnage of English shipping during K. William's reign,			
amounted only to - - - - -		230,441	—

Do. during the present reign ; —

In England	-	15,687	-	1,875,224	-	122,815
Scotland	-	2,534	-	206,075	-	14,720
The total	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
		18,221		2,081,299		137,535

We may thence, certainly determine, with regard to the number of useful artificers, who must have

* There is reason to believe, however, that the above enumeration did not contain the sailors of the port of London.

been employed, during the latter period, more than in the former, in building, and repairing our ships. It is husbandry, then, and manufactures, commerce, and navigation, which everywhere, in later ages, employ, and maintain, the great body of the people. Now, the labour demanded, during the present reign, to carry forward the national business, agricultural and commercial, could not, by any possibility, have been performed, by the inferior numbers of the industrious classes, who doubtless existed, in the reign of King William. And from the foregoing reasonings, and facts, we may certainly conclude, with one of the ablest writers of any age, on political economy : " The liberal reward of labour, as it is the effect of increasing wealth, so it is the cause of increasing population : To complain of it [high wages] is to lament over the necessary effect, and cause, of the greatest public prosperity." * It is absurd, then, to argue, that as employments increase, population diminishes ; that as hands are wanted, fewer hands should be found ; and that as greater comforts are conferred on mankind, the natural propensity of man to multiply, and to people the earth, should become less powerful, in its genial energies.

* See the Inquiry into the Causes of the Wealth of Nations, ch. 8. ; wherein Dr Adam Smith treats *Of the Wages of Labour*, and, incidentally, of population, with a perspicuity, an elegance, and a force, which have been seldom equalled.

In calculating the numbers of people, we must, attentively, consider the state of society, in which they exist; whether as fishers, and hunters; as shepherds, and husbandmen; as manufacturers, and traders; or as in a mixed condition, composed partly of each denomination. The American tribes, who represent the first, are found to be inconsiderable in numbers; because they do not easily procure subsistence, from their vast lakes, and unbounded forests, by fishing, and hunting. The Asiatic Tartars, who represent the second stage of society, are much more populous; since they derive continual plenty, from their multitudinous flocks. But, even these are, by no means, equal in population to the Chinese, who acquire their comforts, from an unremitting industry, which they employ, in agriculture, in manufacture, in the arts, in fisheries, though not in navigation. It was foreign commerce, which peopled the marshes of the Adriatic, and the Baltic, during the middle ages; hence arose Venice, and the Hanse towns, with their envied opulence, and naval power. It was the conjunction of agriculture, manufactures, and traffic, which filled *the Low Countries*, with populous towns, with unexampled wealth, and with marvellous energy. The same causes, that produced all those effects, which history records, as to industry, riches, and strength, continue to produce similar effects, at present.

When England was a country of shepherds,

and warriors, we have beheld her inconsiderable, in numbers. When manufacturers found their way into the country, when husbandmen, gradually, acquired greater skill, and when the spirit of commerce, at length, actuated all ; people, we have seen, grow out of the earth, amidst convulsions, famine, and warfare. He who compares the population of England and Wales, at the Conquest, at the demise of Edward III., at the year 1588, with our population, in 1688, must trace a vast progress, in the intervening centuries. But, England can, scarcely, be regarded, as a manufacturing, and commercial, country, at the Revolution, when contrasted with her present prosperity, in manufacture, and trade. The theorist, then, who insists, that our numbers have thinned, as our employments have increased ; and our population declined, as our agriculture and manufactures, our commerce and navigation, advanced ; argues against facts, opposes experience, and shuts his eyes against daily observation.

Yet, Doctor Price, and his followers, contend, that our industrious classes have dwindled the most, since 1749, because it is from this epoch, that the prosperity of the people has been the greatest, however they may have, at any time, been governed. And the following argument is said to amount to demonstration, because it contains as strong a proof of progressive depopulation, as actual surveys can give.* The number of

* Dr Price's Essay on Popul. p. 38,

houses returned to the tax-office, as charged and chargeable, was, in 1750 — 729,048
in 1756 — 715,702
in 1759 — 704,053
in 1761 — 704,543
in 1777 — 701,473

For a moment, Doctor Price would not listen to the suggestion, that the houses may have existed, though they were not included, in the returns of the intermediate years. But, lo! additional returns have been made up at the tax-office, amounting, - - - - - in 1781 to 721,354 in 1794 to 1,008,222

This detail is sufficient to show, that the Doctor has failed in the proof, which was to outargue facts, to overthrow experience, and to convert the improbable into certainty.

As a supplemental proof,* which may give

* The chargeable houses,

in 1781, under 10 windows, were — 497,801

under 21 windows, — — 171,177

above 20 windows, — — 52,373

721,351

Cottages — — — **284,459**

(Carry over)—

Total houses, and cottages, in 1781, : - 1,005,810

satisfaction to well-meaning minds, there is annexed a comparative view of the number of houses, in each county, as they appeared to King, and to Davenant, in the hearth-books of 1690; of the charged houses in 1708; of the chargeable houses in 1750; with the houses of the same description, in 1781. To this interesting document, is now added the number of houses, which were found in England, and Wales, by the enumeration of 1801:—This enumeration will be found to throw great light upon the comparative view of those various statements, which exhibit the numbers of houses, at those several epochs, in a mutilated state. This document has, at length, decided the question, which has been so often asked, whether the numbers of our houses have increased, or diminished, since the Revolution, in 1688. I had previously estimated the number of houses in England, and Wales, at 1,586,000, during 1781: the

(Brought over)—Total houses, &c.	- - -	1,005,810
The houses in 1750 —	729,048	
The cottages in 1756 —	274,755	
	—————	1,003,803
Increase since 1750 —	—	2,007
	—————	

The account of cottages, in 1756, was completed, as appears from the tax-office books, on the 20th of November 1756. And thus, by adopting the mode, and the materials, of Doctor Price's argument, it is shown, that he has been extremely mistaken, as to the depopulation of England, since 1750.

enumeration of 1801 has found them to amount to 1,638,399, inhabited, and uninhabited houses; The enumeration of 1811 found, that those houses had meantime increased to 1,848,524, exclusive of 16,208 houses, which were then in the act of building.

A Com-

A COMPARATIVE VIEW of the NUMBER of Houses, in each County of England and Wales, as they appeared in the Hearth-Books of Lady-day 1690; as they were made up at the Tax-office, in 1708—1750—1781; and, as they appear, from the Enumeration of 1801.

COUNTRIES.	No. of Houses, 1690.	No. of Houses charged, 1708.	No. of Houses charged and chargeable, 1750.	No. of Houses charged and chargeable, 1781.	No. of Houses, enumerated 1801.
			Inhabited	Uninhabited	
Bedfordshire	12,170	5,479	6,802	5,360	11,888
Berks	16,996	7,553	9,762	8,277	20,575
Bucks	18,688	8,604	10,687	8,670	20,443
Cambridge	18,629	7,220	9,334	9,088	16,129
Chester	25,592	11,656	16,006	17,201	34,482
Cornwall	26,615	9,052	14,520	15,274	32,906
Cumberland	15,279	2,509	11,914	13,419	21,573
Derby	24,944	8,260	13,912	14,046	31,822
Devon	56,202	16,686	30,049	26,612	57,955
Dorset	17,859	4,133	11,711	11,132	21,437
Durham	53,345	6,298	10,475	12,418	27,195
Essex	40,545	16,250	19,057	18,389	38,371
Gloucester	34,476	13,285	16,251	14,950	46,457
Hereford	16,744	6,913	8,771	8,092	17,003
Hertsford	17,488	7,447	9,251	8,628	17,681
Huntingdon	8,713	3,992	4,363	3,847	6,841
Kent	46,674	21,871	30,029	30,975	51,585
Lancashire	46,961	22,588	33,273	30,956	114,270
Leicester	20,448	8,584	12,957	12,545	25,992
Lincoln	45,019	17,571	24,999	24,591	41,395
Middlesex, &c.	111,215	47,031	71,977	74,704	112,912
Monmouth	Wales	3,289	4,980	4,454	8,943
Norfolk		12,097	28,697	20,056	47,617
Northampton	26,904	9,218	12,464	10,350	26,665
Northum- berland	Durham	6,787	10,453	12,431	26,518
Nottingham		7,755	11,001	10,872	25,611
Oxford	19,627	8,502	10,362	8,698	20,599
Rutland	3,661	1,498	1,873	1,446	3,274
Salop	27,471	11,452	13,332	12,895	31,182
Somerset	45,900	19,043	27,822	26,407	48,040
Southampton	28,557	14,531	18,045	15,828	38,345
Stafford	26,278	10,812	15,917	16,483	45,198
Suffolk	47,537	15,301	18,834	19,589	32,253
Surrey, &c.	40,610	14,071	20,037	19,381	46,072
Sussex	23,451	9,429	11,170	10,574	25,272
Warwick	22,400	9,461	12,759	13,276	40,847
Westmoreland	6,691	1,904	4,937	6,144	7,897
Wilts	27,418	11,573	14,303	12,856	34,462
Worcester	24,440	9,178	9,967	8,791	26,711
York	121,052	44,779	70,816	76,224	168,439
Anglesea	Wales	1,040	1,334	2,264	6,679
Brecon		3,370	3,254	3,407	6,515
Cardigan	Wales	2,042	2,542	2,444	8,819
Carmarthen		3,985	5,020	5,126	13,449
Carnarvon	Wales	1,583	2,366	2,675	8,304
Denbigh		4,755	6,091	5,678	12,621
Flint	Wales	2,653	3,520	2,990	7,585
Glamorgan		5,020	6,290	5,146	14,225
Merioneth	Wales	1,900	2,664	2,972	5,787
Montgomery		4,047	4,890	5,421	8,725
Pembroke	Wales	2,764	2,803	3,224	11,869
Radnor		7,921	2,092	2,076	3,675
	<u>1,319,215</u>	<u>508,516</u>	<u>729,048</u>	<u>721,351</u>	<u>1,580,923</u>
					<u>57,476</u>

From this instructive document, then, it appears, that the number of houses have increased, from 1690 A. D. to 1801, no fewer than 319,184 dwellings, which were found, by the enumeration of 1811, to have increased, and to be increasing. And, thus, has demonstration decided, for ever, this pertinacious controversy, about the increase, or the diminution, of the people, since the great epoch of the Revolution.* It has decided, also, another litigated point, whether the returns of the houses to the tax-office "furnish as strong a proof, as actual surveys can give." This dogma is now involved, in the external disgrace, of that assuming argument, which was to outargue facts, and to overthrow experience. From the comparative view before stated, it clearly appears, that twenty counties, including London, Westminster, and Middlesex, have actually increased, since 1750. Let us take the example of Surrey, and Lancashire, which are stated, as having decreased in houses, and consequently, in people, since 1750.† It is apparent, that Surrey has been overflowed, by London, during the last fifty years.‡ And of

* See much more satisfactory proofs of the vast increase of the population of Great Britain, since the Revolution, in "Observations on the Results of the Population Act, 41 Geo. III."

† The country commissioners often discharge, on appeal, houses, as not properly chargeable. This may occasion an apparent decrease.

‡ In the villages round London, there were baptized, during

Lancashire; considering the vast augmentations of its domestic manufactures, and foreign trade, it is not too much to assert, that it must have added to its houses, and people, one-fourth, since 1750. *

during a period of twenty years, beginning with the Revolution - 20,782

During 20 years, beginning with 1758—60, or 61 - 39,383

* In sixteen parishes in Lancashire, exclusive of Manchester and Liverpool, there were baptized, in twenty years, about the Revolution - 18,389

Ditto, from 1758 - 47,919

These proofs of a rapid increase of natural population, are from Mr Howlet's excellent Examination. It is an acknowledged fact, that Liverpool has doubled its inhabitants, every five-and-twenty years, since the year 1700.

Of houses, Liverpool contained in	-	1758	-	3,700
in	-	1773	-	5,928
in	-	1783	-	6,819
in	-	1788	-	7,690
		"		

Yet, were its houses returned to the Tax-office,

in	-	1777	at	3,974
and in	-	1784	at	4,489
		"		

Manchester with Salford have equally increased.

Of houses, there were in both, in	-	1773	-	4,268
in	-	1783	-	6,178
		"		

Of which there were returned to the Tax-office,

in	-	1777	-	2,519
in	-	1784	-	3,665
		"		

And it might be easily shown, that the smaller towns, and villages,

But, it is said to be idle, and impertinent, to argue, from the state of population, in Yorkshire, or in Lancashire, since Dr Price is ready to admit, *that these have added many to their numbers.** Yet, owing to what *moral cause* is it, that York, and Lancashire, Chester, and Derby, have acquired so many people? Is it owing to their manufactures, and traffic, and navigation, which augmented employments? Now, the same causes have produced the same effects, in the other counties of this fortunate Island, in proportion, as those causes have prevailed in each place.

It is pretended, however, that the astonishing augmentation of our cities did not arise from births, amidst prosperity, and happiness, since many people were brought from other districts, by the allurements of gain. The additional labourers could not assuredly have come, in considerable numbers, from those counties, which have sustained no diminution of people themselves;

villages, of Lancashire, have grown, nearly, in the same proportion; and this most prosperous county has, during the last 90 years, increased in the numbers of people, with the boasted rapidity of the American States. Boston (in New England) was settled in 1639; yet, it did not contain twenty thousand inhabitants, in 1775. Philadelphia was planted, in 1682; yet, in its happiest days, it did not comprehend thirty thousand souls. The other towns of the American States, being much inferior to these, can still less be compared to the manufacturing villages of England, or to Paisley, in Scotland, in the quickness of their growth.

* Uncertainty of population, p. 14—19.

and in no European country is there less migration, from one parish to another, than in England. The principle of the poor-laws checks population, by preventing the laborious poor, from looking, for better employment, beyond the limits of their native parishes. Every one knows, with what tyrannic rigour *the law of settlements* is enforced, by sending to their proper parishes the adventurous persons, who had found no employment, at home. It is not, therefore, the migration of the adult, from the country to the town, that, continually, swells the amount of the busy multitudes, which are seen to swarm, where the spirit of diligence animates the people: and it is the employment, and habits of industry, which are given to children, in manufacturing towns, that add to the aggregate of dwellers in them, more than the arrival of strangers.

Having, in the foregoing manner, traced a gradual progress, from *The Conquest* to *The Revolution*; having thus established, by the best proofs, which such an inquiry, without enumerations, admits, that the former current of population not only continued to run, but acquired a rapidity, and a fulness, as it flowed; we shall not find it difficult, since the chief objections are removed, to ascertain the probable amount of the present inhabitants. He who insists, that there were in England and Wales 1,300,000 inhabited houses in 1688, must equally allow, since it has been proved, that of these there were 711,000, which

were inhabited by persons, who either received alms, or gave none; and it has been equally shown, that the necessary labour of the present day could not, by any possible exertions, be performed by the lower orders, who certainly existed, in 1688. Hence, it is reasonable to conclude, that, since the 590,000 chargeable houses, in 1690, were accompanied with 710,000 dwellings of the poor, the 721,000 chargeable houses of 1781, must consequently be accompanied with 865,000 dwellings of the poor: For, such is the inference of just proportion. The distinct dwellings in England and Wales, when both classes are added together, must be 1,586,000; which, if multiplied by 5¹, for the number of persons in each, would discover the whole numbers to be 8,447,200: But, there ought still to be an adequate allowance, for empty houses, and for other circumstances of diminution; which, after every deduction, would show the present population of England and Wales to have been rather more than eight millions in 1781. From the enumeration of 1801, we certainly find, that the numbers, now, are 9,343,578. And such an augmentation, as those facts prove, since the Revolution, is altogether consistent with reason, and experience.

Mr Wallace, the learned antagonist of Mr Hume, very justly remarks, * "that it is not owing to the want of prolific virtue, but, to the

* Dissert. on the Numbers of Mankind, p. 8.

" distressed circumstances of mankind, every generation do not more than double themselves ; which would be the case, if every man were married, at the age of puberty, and could provide, for a family." He plainly evinces, that there might have easily proceeded, from the *created pair* 6,291,456 persons, in seven hundred years. From the foregoing discussions, we have seen an augmentation of four millions and a half of people, during six centuries and a quarter, of tyranny, of war, and of pestilence. But, when we consider the more frequent employments, and agreeable comforts, of the people, their superior freedom, and greater healthfulness, we may, assuredly, conclude, that there has been an augmentation of 2,830,000 since *the Revolution*.

Of this great increase of people, Ireland furnishes a remarkable example, though this kingdom has not always enjoyed, during the effluxion of the last century, a situation equally fortunate.*

* Though the hearth-books of England have sunk into oblivion, the hearth-books of Ireland remain. From the produce of the hearth-tax may be traced its gradual rise, as in the subjoined detail, which evinces the progress of population. It yielded, according to a five years average, ending with

— — —	1687	— — —	L.32,416
Three years average with	1732	— — —	42,456
Do. — — with	1762	— — —	55,189
Seven years — do —	1777	— — —	59,869
Five years — do —	1781	— — —	60,648
In	1781	— — —	63,820

See Bibl. Harl. Brit. Mus. No. 4706—Mr A. Young's Tour in Ireland, the Appendix—and Mr Howlett's Essay on the Population of Ireland; p. 19.

Ireland has suffered, during this period, the miseries of civil war, which ended in the forfeiture, and expulsion of thousands. In this period, also, multitudes constantly emigrated, either to exercise their industry, or to draw the sword in foreign climes. Yet, are there abundant reasons to believe, that this prolific island has much more than trebled its inhabitants, in the last hundred years.

Sir William Petty, who possessed very minute details, with regard to the condition of Ireland, in the period, from the Restoration to the Revolution, stated the number of houses, in 1672, † at 200,020. The number returned by the tax-gatherers,

in 1791, ‡ was - - - - - 701,102

At the first epoch, the Irish nation had scarcely recovered from a long and destructive civil war. It is sufficiently known, that, notwithstanding the laudable efforts of the late Mr Bushe, there are several houses omitted, which often happens, when interest may be promoted by concealment. Sir William Petty stated the whole population of Ireland, in 1692, at - - - - - 1,100,000 souls.

Were we to multiply 701,102 }
houses of the year 1791, at 6 }
in each,* this would carry the } 4,206,612 do.
number up to - - - - - }

† Polit. Anatomy, p. 7-11-17-116.

‡ See the Account of houses given in to the Irish Parliament, on the 22d March 1792.

* Mr Bushe had obtained actual enumerations of the num-

C o b e r

Were we to admit this account, which has indeed been doubted, as merely an approximation to truth, it would demonstrate a still more considerable increase of people, than, we now know, actually, took place, during the last hundred years, in England, which enjoyed more productive advantages. This example ought to be more convincing than many arguments.

The same principles, which, in every age, influenced the population of England, and of Ireland, produced similar effects on the populousness of Scotland. When England, and Ireland, were poor,

ber of dwellers, in each house, throughout many places of Ireland, exclusive of Dublin, amounting to 87,895 souls, in 14,108 houses, or nearly $6\frac{1}{4}$ in each dwelling. But, Mr Bushe went a step farther towards certainty, by getting the numbers, which dwelt in each kind of house: The houses of paupers had $5\frac{1}{7}$ in each; in new houses were $4\frac{1}{4}$; in houses with two hearths were 9; and in houses with one hearth were $6\frac{1}{2}$ in each. Mr Bushe, however, considered these numbers, as higher than the general average. And, from all those data, I have formed the following TABLE of the POPULATION of Ireland, in 1791; showing the number of each kind of persons, in that most populous kingdom:

483,990 houses of one hearth, at 6 in each	—	2,903,940
67,663 houses of two, or more, hearths, at 8 in each	—	541,304
15,025 houses, unascertained, whether of one hearth, or more, - - at $6\frac{1}{2}$ in each		97,662
21,868 new Houses - - - at 4 in each		87,472
112,556 paupers' houses - - at 5 in each		562,780
<hr/>		
701,102 houses, containing of all kind of persons	4,193,158	
<hr/>		

and depopulated, we may easily conjecture, that Scotland could not have been very opulent, or populous. As England, and Ireland, gradually, acquired inhabitants, we may presume Scotland followed their paths, though at a great distance behind. And, the accounts, which the ministers of the several parishes have lately transmitted to Sir John Sinclair, from enumerations, prove, that the people of Scotland have, greatly, increased, during the last eight-and-thirty years.* An intelligent observer might form a satisfactory judgment of the previous condition of England, and Scotland, from the accurate statements, whereon their union was formed.

The public revenue of England was L. 5,691,803
— — — of Scotland, - 160,000

* The numbers of inhabitants, which the ministers of the several parishes, in Scotland, returned to Sir J. Sinclair, amount to 1,526,492: whereby it appears, that there has been an augmentation of 270,829, souls on 1,255,663, which were the numbers, about the year 1755. The enumeration of 1801 evinces, that the numbers of people had increased still more rapidly, from 1791 to 1801: Thus

In 1755 the population of Scotland was - - 1,255,663.
In 1791 it amounted to - - - - - 1,514,999.
In 1801 it was found, by enumeration to be † - 1,618,303.
In 1811 it was found, by enumeration to be - - 1,804,968.

† See the Tabular State, in Caledonia, ii, 26.

Of the trade of both, we may determine from the customhouse duties, which, in England, were - - - L. 1,341,559 in Scotland, - - - - 34,000

The gross income of the posts was, in England, - - - - L. 101,101 in Scotland, - - - - 1,194

Of the circulation of both, we may form an opinion, from the re-coining of both. There were re-coined, in England, during King William's reign, - - - - L. 8,000,000 in Scotland, soon after the Union, 411,118

We may decide, with regard to the consumption of both, from the excise duties; which, in England, amounted to - L. 947,602 in Scotland, to - - - - 33,500

From those details, * it is reasonable to infer, that Scotland possessed, in those days, no flourishing husbandry, few manufactories, little commerce, and less circulation, though there had certainly been a considerable advance, in all those objects;

* See the elaborate, and very curious History of the Union, by De Foe, republished by Stockdale; and Ruddiman's preface to Anderson's *Diplomata*.

during the two preceding centuries. “ Numbers of people, the greatest riches of other nations,” said Mr Law,* in 1705, “ are a burden to us ; the land is not improved ; the product is not manufactured ; the fishing, and other advantages of foreign trade, are neglected.” Such was the deplorable state of Scotland, at the epoch of her happy union with England !

The Scots were, for years, too much engaged in religious, and political, controversy, to derive from that fortunate event, all the advantages which, at length, have undoubtedly flowed from it. Their misfortunes, arising chiefly from those evils, have, however, conferred on them the most invigorating benefits. The laws, that a wise policy enacted, created greater personal independence, and established better safeguards for property, which have produced the usual effects of a more animating industry. Of the intermediate improvements of their tillage, we may form some judgment, from the rise of rents, and the advance of the purchase-money, for land, which must have, necessarily, proceeded, from a better husbandry, or a greater opulence. The manufactories, which the Scots doubtless possessed, in 1707, though to no considerable extent, have not only been greatly enlarged ; † but to the old, new ones have meanwhile

* Considerations on Money and Trade.

† The quantity of linen made for sale, in Scotland, during 1728, was only 2,000,000 yards ; but, in 1775, 12,000,000.

been added. The value of their whole exports by sea, amounted, at the epoch of the Union, if we may believe Mr Law, to about L.300,000 : The whole of these exports were carried up, before the colonial war began, to L.1,800,000, if we may credit the customhouse books. The tonnage of shipping, which annually entered the ports of Scotland, at the first era, was only 10,000 ; † but,

The linen is the chief manufacture of Scotland ; and, were we to regard this as a proper representative of the whole, we might from this infer a very considerable augmentation in every other manufacture.

† In the Harl. MSS. No. 6209, Brit. Mus., there is a list of the ships belonging to Scotland, (as they were entered in the Register General kept at London), and trading in the ports of that kingdom, from Christmas 1707, to Christmas 1712, distinguishing those belonging to Scotland, prior to the Union, as follows :

	Vessels.	Tons.
Total, - - - -	1,123	50,232
Prior to the Union, - - -	215	14,485
	—	—
Increase - - -	908	35,747
There belonged to Scotland, in 1792, of vessels, which entered only once, -	2,116	154,857
	—	—
Of which were employed, in 1792, in		
Foreign trade, - - - -	718	84,027
Coast trade, - - - -	1,022	50,940
Fishing vessels, &c. - - -	376	19,890
	—	—
The total, - - -	2,116	154,857
	—	—

Those comparative statements evince, undoubtedly, a very considerable increase of shipping, in the intermediate period.

at the last, amounted to 121,761 tons.‡ The foregoing statements, general as they are, will evince to every intelligent mind, how much the commerce, and navigation, of Scotland, have increased, since the hearts, and hands, of the two kingdoms were, fortunately, joined together, and how many useful people she has added to her original numbers.

Of the traffic of Scotland, it ought to be however remarked, that it is more easily driven from its course, than the English, either by internal misfortunes, or by foreign warfare; because it is less firmly established; it is supported by smaller capitals; and it is less extensive, in its range. The bankruptcies of 1772 deducted nearly L. 300,000, from the annual exports of Scotland. The commercial events, indeed, of our two last wars would alone justify this remark. Let us compare, then, the exports of Scotland, when they were the lowest, during the war of 1756, with the lowest exports of the colony-war; and the highest exports of the first, with the highest of the second; because we shall thereby see the 'depressions, and elevations, of both :

The

‡ The shipping which entered the ports of Scotland, on an average of four years, 1771 to 1774, amounted annually to

Tons Scotch.	Do. foreign.	Total.
113,443	8,318	121,761.

The Value of Exports,

in 1755	— L. 535,577	—	in 1782	— L. 653,709
in 1756	— 626,049	—	in 1778	— 702,820
in 1757	— 828,577	—	in 1781	— 763,109
	—	—		—
in 1760	— 1,086,205	—	in 1776	— 1,025,973
in 1761	— 1,165,722	—	in 1777	— 887,643
in 1762	— 998,165	—	in 1780	— 981,199
	—	—		—

When we recollect, that Great Britain was engaged, during the war with her colonies, which occupied so much of the foreign trade of Scotland, with France, with Spain, and with Holland, we ought not to be surprised, that so much should be lost, as that so much should remain, at the end of eight years hostilities. It was deranged, but it was not ruined, as had been predicted, in 1774. And, when the various pressures of this most distressful war were removed, though with a tardy hand, it began to rise; yet, not with the elasticity of 1763; because the colonial commerce, which furnished so many of the exports of Scotland, had been turned into other channels. But, the following detail will enable us to form a more accurate judgment, with regard to this interesting subject:

The Value of Exports from Scotland,

in 1762	— L. 998,165	—	in 1782	— L. 653,709
in 1763	— 1,091,436	—	in 1783	— 829,824
in 1764	— 1,243,927	—	in 1784	— 929,900
in 1765	— 1,180,867	—	in 1785	— 1,007,695
	—	—		—

It ought, however, to be remembered, that in the first period, complete peace was established in 1763; but, in the last, it was not fully restored till the middle of 1784. Yet, the shipping of Scotland will be found, as we have already perceived the ships to be in England, our most infallible guides; because, the entries of ships, are more accurately taken than the value of cargoes, and trade can scarcely be said to decline, while our vessels increase. Let us attend, then, to the following detail of ships, which entered in the ports of Scotland, during the following years, both before, and after, the late war:

	Foreign Trade.	Coast Trade.	Fishing, &c.
in 1769 —	48,271 tons.	21,615 tons.	10,275 tons,
in 1774 —	52,225 —	26,214 —	14,903
in 1784 —	50,386 —	31,542 —	10,421
in 1785 —	60,356 —	36,371 —	11,252 *

* The customhouse account, from which the above detail is taken, states the ships to belong to Scotland, accounting each vessel only one voyage in every year. This comparative estimate of the shipping, which were employed in the foreign, or over-sea, trade of Scotland, may be carried back to the peace of 1763. Thus, there were employed, in *foreign voyages*,

in 1759 —	29,137 tons.	—	in 1761 —	33,584 tons.
in 1763 —	36,308	—	in 1764 —	37,776
in 1772 —	51,484	—	in 1782 —	50,530
in 1792 —	84,027	—	in 1802 —	94,276

Whence, we may undoubtedly conclude, that Scotland possesses a much greater navigation at present, than at the peace of 1763, or at any prior epoch.

From all those details, which have just been submitted to the judicious eye, the progress of the Scottish trade is quite apparent; while the amount, at each of those years, exhibits to the judgement the trade of Scotland, both domestic and foreign, as well as her fishery, in a very forward state of prosperity, and advancement. *

However the foreign trade of Scotland may have been depressed, by the colonial war, there is reason to believe, that she has thereby added considerably to her domestic manufactures. The commercial capitals, which could no longer be employed, abroad, were at length, more usefully, laid out at home. Instead of promoting the labour of other countries, those capitals furnished employment to many hands, within the kingdom. And, Scotland has, by those means, extended her valuable manufacture of gauzes; she has augmented the number of her print-fields; she has acquired every branch of the cotton business; and she has

* The greater number of shipping, which are at present employed, than before the war, in the coast-trade of Scotland, seems also to evince an augmentation of domestic commerce. This comfortable truth is also proved by the increase of the export by sea of Scottish manufactures; of which there were thus exported, according to a three-years average, ending with 1774, the value of — L. 478,947

Ditto, with 1792	—	—	—	888,425
Ditto, with 1802	—	—	—	2,106,988

greatly increased her linens.* Thus it is, that an active people may be even enriched, by throwing obstructions, in the way of their foreign commerce. And, if productive labour constitute genuine wealth, the Scots may be regarded, at present, as a nation more industrious, opulent, and populous, than they were before the colony-war began, and much more than at the epoch of the Union.

These observations apply equally to England. Every occurrence, which at any time turned additional capitals into domestic employments, necessarily contributed to improve the agriculture, to augment the manufactures, to increase the wealth, and to add to the population of the country, by yielding a greater quantity of productive labour. Ireland, we have clearly seen, added millions to her numbers, in the short period of little more than a century, amidst civil war, and frequent emigrations. Scotland, we have also beheld, added greatly to her effective population, in the effluxion of forty years. And, England, like every other civilized country, must, of consequence, have made many additions to her populousness, during the busy course of the last hundred years. We have now perceived,

* Of Linens there were made for Sale;

in 1772 - 13,089,006 yards.	— in 1782 - 15,348,744 yards.
1773 - 10,748,110	— 1783 - 17,074,777
1774 - 11,422,115	— 1784 - 19,138,593
1792 - 21,065,386	— 1802 - 23,803,255

that Doctor Price has failed egregiously in his most essential points : He would hardly allow, that there were more than 952,734 taxable houses, in England, and Wales ; yet, has enumeration found in them 1,580,923 *inhabited* dwellings : He would scarcely allow an average of 5½ to dwell in each house ; yet, has enumeration found, in every house upon an average at least 5 $\frac{9}{10}$. He would acknowledge, that there are 5,500,000 people in England, and Wales ; yet, has the enumerations of 1801, and 1811, demonstrated, that there are more than 9,340,000 souls, in 1801 ; and 10,150,615, in 1811. An argument was brought forward, we have thus seen, with the parade of confidence, to prove a contrary position. But, after a fair examination, this argument, if it merit that dignified name, has been found to have, at least, the pertinacity of faction, if it have not the frivolousness of folly : Let all, then, who reason from facts, like true philosophers, and deduce, like wise men, from experience,

“ Leave such to trifle, with more grace, and ease,
“ Whom *folly* pleases, or whose *follicies* please.”

CHAP. XVI.

The State of Ireland proposed to be examined.—

The Importance of the Subject.—The Superficial Contents of Ireland.—Her Natural History, and People.—The first Detail of her Commercial Matters.—King James's Policy.—Its Effects.—The grand Rebellion.—Its deplorable Consequences.—The Restoration.—The Act of Settlement.—Her Prosperity.—The Revolution.—Its Consequences.—An Estimate of her Prosperity ;—from 1701 to 1801.—The Union.—Its salutary Consequences.

AFTER such a discussion, with regard to the people of England, and of Scotland, it may gratify a reasonable curiosity, to inquire a little how it has fared with the good people of Ireland, at the successive periods of their various fortunes. I have, however, no purpose to emulate Sir John Davies, in discovering “ The true causes why “ Ireland was never brought under obedience to “ the Crown of England till the reign of King “ James : ” neither am I ambitious, to philosophize with Petty ; nor design I to essay the improvement of Ireland with Dobbs : I will not be so fashionable, as to delude, under the common pretence of instructing, the good people of Great

Britain : and, as much as been written of late, with doubtful value, for their intelligence, or deception, I will only hazard a few intimations ; with regard to the domestic economy of Ireland, from early times to the present.* When King William landed in Ireland, he said, unsheathing his sword, “ This is a country worth fighting for : ” But, as the present object is legislation, rather than warfare, it may be added, that Ireland is an island, well worthy of national care.

The first, who treated of “ *Ireland's Natural History* ; being a true description of its situation, greatness, shape, and nature ; with its promontories, harbours, roads, and bays,” was Gerard Boate, Doctor of Physick, to the State, in Ireland, whose curious work was published, in 1652. Then came Sir William Petty, with his treatise, on the *Cælum*, and *Solum* of Ireland ; showing the salubrity of the one, and the fruitfulness of the other : And, there are more recent writers, who retail the speculations of Boate, and

* I do not understand the meaning of those pamphleteers who profess to convey instruction, yet write whole chapters concerning English, and Irish statutes, which have been long since repealed. For very different information, the Parliament pays yearly 1,780*l.*, for the extraordinary trouble of making out the public accounts. I presume to think that money well expended ; as the information is of great value, and the more so, as it is without a gloss. For such information too much cannot be given ; but, for the other sort of information, deceptive as it is, too little cannot be given.

of Petty, in more delusive forms ; “ to infuse “ bad influence into the unwary breast.” Actuated by this principle, these retailers of old-fashioned goods forgot to tell their customers, how many stormy seasons the late Murdoch Mackenzie was employed, by the English Admiralty, to make *a maritime survey of Ireland*; and to give *nautical descriptions, and directions.** All these helps to the navigators of Ireland are now pushed aside, by delusory notices of a very different sort, that there are no hidden rocks on the Irish coasts. Whatever there may be in this, there is a moral truth, which ought never to be forgotten :—*ports will not make trade*; but *trade will make ports.*

The *greatness, and shape* of Ireland did not escape those vastly intelligent men, Boate, and Petty. Arthur Dobbs, who in sense, and candour, is the next *political anatomist* to Boate, and Petty, computed the area of Ireland to contain, of *plantation acres*, 11,042,642. Doctor Beaufort, by more minute investigations, has carried up the *eleven millions* of Dobbs to *twelve millions*, *Irish measure*, which are equal to 19,436,000 acres *English measure.*† By comparing the *maritime outline* of

* Mackenzie’s *Maritime Survey* was published at London, 1776. As a supplement to this, was published, Drury’s *Survey of the Southern Shores of Ireland*, which was made, during the administration of the Marquis of Buckingham.

† Memoir of the Map of Ireland. Sir W. Petty, who surveyed Ireland, says, “ The whole territory of Ireland consists of twelve millions acres, English measure, of arable, “ meadow,

Mackenzie, with the Engineer's Survey of Ireland, it will, at length, be found, that its superficies extends to 33,631 square miles, or 21,523,840 statute acres, which exhibit Ireland, in a larger point of view, than former surveyors supposed, and stated. But, what does it avail, that Ireland is thus enlarged, and the *cælum*, and *solum*, are excellent ; since, in the language of Shakespeare,

“ ————— Nought's had ; all's spent ;
“ Where our desire is got, without content.”

If the climate of Ireland had spared Doctor Boate, he would have added two more books ; the one, of all kinds of plants ; and “ the other, “ of all sorts of living creatures : ” and he proposed to have added a fourth book, “ concerning “ the natives of Ireland, and their old fashions, “ laws, and customs ; as likewise, the great pains “ taken by the English, ever since the Conquest, for “ to civilize them, and to improve the country.” Much is the death of Boate to be lamented ; as he had great capabilities, for such inquiries. * Sir

“ meadow, and good pasture land ; with about two mil-
“ lions rocky, boggy, and scrubby pasture, commonly, but
“ falsely, called *unprofitable*, the rest being absolute bogs,
“ lochs, rocks, sands, strands, rivers, and highways. Of all
“ which lands, the yearly rent (the quit-rent, and tithe ex-
“ cepted) was supposed to be 900,000*l.* ; and worth to a
“ purchaser, 9,000,000*l.* sterling.” All this was said,
about the year 1672, by the best informed man of that age,
perhaps of any age.

* Gerard Boate, M. D. died at Dublin, on the 19th of January 1649-50.—Preface to Ireland's Natural History.

William Petty well supplied the failure of Doctor Boate. In his *Political Anatomy*, 1672, he stated the number of people in Ireland, as about 1,100,000, viz. 300,000 English, Welsh, and Scottish protestants ; and 800,000 papists : The said 1,100,000 lived in about 200,000 houses ; whereof there were about 16,000 houses, which have more than one chimney ; about 24,000, that have but one chimney ; and all the other houses, being 160,000, are wretched cabins, without chimney, window, or door-shut, and worse than those of the savage Americans, and wholly unfit for the making merchantable butter, cheese, or the manufactures of woollen, linen, or leather. Thus far the intelligent Petty. Next came *Colonel Laurence*, who wrote on the domestic economy of Ireland, during the same age : and, he complained, that it was impossible to get the inhabitants of those *wretched cabins*, to work. In the subsequent period, appeared, in the scene, at Dublin, Arthur Dobbs, who, though he had not the original genius of Petty, was one of the best informed men, in Ireland : and, he complained, that there were 34,425 strolling beggars, in that kingdom.* He explained this striking instance of mendicity, by remarking, that great numbers of the *native Irish*, in

* He published his *Essay on the Trade, and Improvement of Ireland*, at Dublin, in 1729 : He was a member of the Irish parliament ; and had examined with care the customhouse ledgers, and the public accounts. He died the King's Governor of North Carolina.

the mountainous parts of the kingdom, that have houses, and small farms, by which they might very well maintain themselves ; but, when they have sown their corn, planted their potatoes, cut their turf, and hired their cows, or sent them to the mountains, did then shut up their doors, and go a-begging, during the whole summer, till the harvest. * This exhibits a singular state of society ; which, as it no longer exists, evinces some progress of improvement.

The vastly well informed Petty gives another view of the people of Ireland. The Irish papists, says he, besides Sunday, and the 29 holidays, appointed by law, do, one place with another, observe about 24 days more, in the year, in which they do no corporal labour ; so as they have but 266 working days : whereas the protestants, not strictly observing all the legal holidays, by a total forbearing of labour, have in effect 300 working days, in the year, that is, 34 days more than the papists. On this head, Dobbs confirms, in the subsequent age, the representations of Petty, in prior times : He says, that he had observed in a popish almanack, that the popish holidays were at least 49 more than the law allowed ; considering also that the common Irish papists keep

* His essay 47. He says the facts are undeniable ; as they had been confessed by some of those, who had been caught ; and, he adds, that, by those means, and thieving, they picked up enough to pay their rent ; and by the help of their cattle, corn, and potatoes, lived idle the whole winter.

St. Patrick's day, his wife's, and his wife's mother's, with many others equally ridiculous : these days are generally spent in debauchery, and rioting, by those who ought to labour. * We may thus perceive, from the intelligent representations of Petty, and Dobbs, that a protestant is a better working animal, than a papist : and it thus equally appears, that in point of policy, the hardest worker is entitled to the preference. Another moral view may be taken of the Irish people ; as they consist of descendants from *the Celts*, or from *the Goths* ; the first, even now being actuated by habits, much more than the last, which indispose them to fishery, to navigation, to shipping, and to industry : and in this view of the subject, the descendants of the Goths, as they are the most industrious, and enterprizing, are entitled to preference, when the balance of policy hangs in doubtful scales. These distinctions, have, through many ages, had greater influence on the domestic economy of Ireland, than those, who have only taken superficial views of the country, and people, have imagined. Why is it, that there is so little *fishing* along the shores of Ireland, and the western coasts of Scotland, after so many laws have been passed, and so much money bestowed, for promoting it ? The answer must be, because the great body of the people of both had, from their propensities, an aversion from sea

* Essay 96—7.

affairs. This also is the cause, that Ireland, and the western coasts of Scotland, have so few shipping : and the parliament, like discreet parents, persevered in laudable endeavours, to change the wayward habits of such a people for better practices, though without all the good effects, that might have been expected, from such wise policy : It was, therefore, unphilosophical, in such a statesman as Sir William Temple, to tell us, that Ireland is better situated, than Britain, for traffic, and fishery. Any boy can carry a horse to a pond; but a man cannot make him drink. It is not the advantages of the country, from nature, that is the point of inquiry ; but, the several natures of the people, which dispose, or indispose them, for the labours of industry, and the enterprizes of trade.

Ireland, during the long period of her fortunes, and misfortunes, has been inhabited by people of various principles, and of dissimilar numerosity; as we may indeed learn from the intelligent pages of Petty. During the disputes about the populousness of England, it was the passion, as we have seen, to diminish the numbers of the people. At present, it is the practice of those Irish writers, who are ambitious of instructing the *dullards* of Britain, to enlarge the numbers of the Irish people; to exaggerate the numbers of the papists, and to diminish the numerousness of the protestants; as if such representations did not disclose the true cause, why

the Irish people enjoy so few of the many good things, which result from well directed industry. The people of Ireland have been lately estimated, by various writers, with various views, to be 4,000,000; to be 5,000,000; to be 6,000,000: If there be, in Ireland, 700,000 houses, with $5\frac{1}{2}$ persons in each; then, must there be 4,200,000; if six dwell in every house, then must there be 4,900,000; and if there be 10, in every house; then must there be 7,000,000 of people, in Ireland. Who sees not, that such exaggerations can only be corrected, by enumeration. Meantime, we hear no more of the many persons, who lived formerly in the wretched cabins, which had neither hearths, windows, nor doors.* They may pay now the *hearth money tax*, who never paid before; and may live, by labour, who formerly existed, by beggary. But, we are still informed, from the hearth-money record, that there are more than 3,000,000 of people, who live in houses, having *one hearth*. It would be of great importance to know, who, and what they are, that live in such houses; in order to judge of their efficiency, by their residence. In the mean time, it may gratify a reasonable curiosity, to ascertain the size of the chief towns of Ireland, which are the principal seats of its commerce. In this country, in which large collections of people did not anywhere exist, during ancient times, there are only

* Yes; there are still returned upwards of 438,271 *papers*, in Ireland,

four, which contain more than 40,000 souls.* The other towns are of a lower order; having much fewer people, with a smaller number of shipping. It is, perhaps, the principal infelicity of Ireland, which is undoubtedly a populous country, that the several classes are not properly assorted, of rich, and poor, middling, and many.† The detail below would be regarded, in any other country, than Ireland, as representing an unnatural state of society; though, in the returns of Dublin, we may perceive a pretty just gradation of ranks.

Ireland had been inhabited, a thousand years, by a Celtic people, when they were invaded, by

* Dublin contained 182,000, who possessed 212 ships, carrying 14,167 tons.

Cork contained 73,000, who had 75 ships, carrying 4,493 tons.

Limeric had 45,000, who had 45 ships, carrying 2,420 tons.

Waterford had 43,000, who had 23 ships, carrying 2,250 tons.

† From the following Return to the House of Commons, in 1792, we may see the several classes represented, with sufficient accuracy, for the present purpose. There were

returned houses of <i>one</i> hearth	-	-	-	483,990
There were houses of <i>two</i> hearths	-	-	-	31,433
There were houses of <i>three</i> hearths	-	-	-	9,466
There were houses of <i>four</i> hearths	-	-	-	6,401
There were houses of <i>five</i> hearths	-	-	-	4,355
There were houses of <i>six</i> hearths	-	-	-	4,235
There were houses of <i>seven</i> hearths	-	-	-	3,498
There were houses of <i>eight</i> hearths	-	-	-	2,867
There were houses of <i>nine</i> hearths	-	-	-	1,738
There were houses of <i>ten</i> hearths	-	-	-	1,263

the Gothic Eastmen. From the settlement of the Eastmen, in their harbours, we might infer, that the ancient Irish were a divided people, and little addicted to naval affairs, if their annals did not evince those unhappy peculiarities of their original habits, which still continue to operate. They submitted to Henry II. without much struggle.* When Henry departed, in 1173, he left behind him three distinct races of men: the old Irish; the Eastmen; and the Norman English: and those several lineages were left under an unhappy system: during four centuries and a quarter, the sword was seldom sheathed: renewed warfare, or perpetual anarchy, domineered by turns, in a wretched land, till the accession of James I. introduced the rule of law, and the energies of colonization.

It is curious to remark, that the first detail, which we have of the commercial matters of Ireland, is a poetical piece, entitled, “*The Policie of keeping the Sea.*”† The ingenious author speaks, like some

* There is, at this day, saith Sir William Petty, no monument, or real argument, that, when the Irish were first invaded, they had any *stone housing* at all; any money, any foreign trade; any learning, but the legends of saints; nor any manufacture, nor the least use of navigation, or the art military. *Political Anatomy.*

† See that very interesting document of the year 1437, in *Hackluyt's Voyages*, edit. 1598, vol. I. p. 187. In chapter 9th the Rhymer treats of “*The Commodities of Ireland, and keeping thereof:*”

“ To keep Ireland, that it be not lost,
“ For, it is a *boterasse*, and a post.”

writers of recent times, of the natural qualities of Ireland ; of her havens, and bays, sure, wide, and deep ; of her fertilitie ; of things that therein do grow, of mines of silver and gold,

“ For of silver and gold, there is the oore,

“ Among the wilde Irish, though they be poore.”

The commodities, and *chaffare* of Ireland, he said, and sung, consisted of hides, skins, Irish wool, *linen clothe*, and other things of great worth, and value : we may perceive, however, that her *merchandise* then consisted, chiefly, of the rude produce of a fruitful soil, and of the *hertes hides*, and other matters of *venerie*. Yet, this ancient commercial writer says nothing of the *balance of trade*, on which some theorists continue to doat, with fond affection.

As Ireland possesses the power of resuscitation, in a high degree, she prospered greatly, during the forty years, which succeeded the complete suppression of Tyrone’s rebellion.* King James affected to be the legislative restorer of Ireland. He certainly built on broad foundations, when he introduced so many new people into Ulster, from Scotland, and of *undertakers*, from England.† A new people infused a new spirit of adventure ; though such a *project* could not be executed, without the discontent of those, who thought themselves deprived, and wronged. But, the spirit of adventure being once roused, in the north, extended itself to

* Boate, throughout.

† See the project, for the division, and plantation of Ireland ; and Pynnar’s Survey of Ulster, 1618.

every district of Ireland. One of the ways of gaining wealth, in that age, has produced the disadvantage, and deformity of Ireland, in the present : by *iron-works*, and the export of *lumber*, the country was denuded of its woods.* Of such an island, it may easily be believed, that many of the exports consisted of the products of husbandry, some coarse manufactures, among which I see no linen cloth, till 1665, and the produce of fishery : There was a great progress in the exports, I perceive, before the 25th of March 1641, with a decline of the timber trade ; and an enlargement of the exported products of agriculture, and manufacture. It is perfectly obvious that, forty years of plantation, industry, and quiet, introduced many blessings into Ireland, whatever grievances may have existed, and outrries were made.

But, the rebellion of 1641 ruined all. The cause of that civil war, Petty tells, with his usual penetration, and knowledge, to have been “the “desire of the *Romanists* to recover the church “revenue, worth about 110,000l. per annum ; “and of the common Irish, to get all the Eng-“lishmen’s estates ; and of the ten, or dozen

* Boate’s Nat. History. I have now before me a curious document, exhibiting the exports of Ireland, in 1626 ; whereof were of iron 449 tons ; of *lumber* 557 tons ; of timber ; barrel staves 398,400 ; hogshead staves 409 ; pipe staves 25,000. The lumber trade of Ireland, in some degree, continued even, in 1669 ; though persons, who have not looked into original papers, will scarcely believe the fact.

"grandees of Ireland, to get the empire of the whole." * History has recorded the singular events: and Petty, with his accustomed talent, has left us an Estimate of the effects of the rebellion, in *pecuniary value*. † Yet, even the genius of this singular calculator could not estimate, at least in *pecuniary value*, the personal misery, and popular distress, of that rebellion.

But, the restoration cleared away the clouds, that hung portentous over the fate of Ireland. An act of *settlement*, and *security*, was made, whatever *furious spirits* might wish, or do: and a resolution seems to have been taken, in Shakespeare's words :

"—We'll order well the State;
"That like events may ne'er it ruinate."

Whether that resolution were kept, whether Ireland were well, or ill governed, history, however written, must tell. One truth is certain, that Ireland will flourish, in the absence of violence, and warfare, of tumult, and rebellion. Ireland, in fact,

* Pol. Anatomy, 24.

+ Political Anatomy : By the loss of people	L.10,355,000
The loss of their <i>superlucration</i> of soldiers	- 4,400,000
By ditto of people lost, at 10 <i>l.</i> per head, for	
11 years, deducting 80 m. soldiers	- - 6,000,000
By impairing the worth of land	- - - 11,000,000
of the stock	- - - - 3,500,000
of the housing	- - - - 2,000,000
<hr/>	<hr/>
The total loss	- - - - L.37,255,000

did flourish, after the restoration, though certainly not so fast, as she would have done, if there had not been all that waste of men, and money, of personal wretchedness, and georgical devastation. From very curious documents, which lye before me, I know the yearly amount of that prosperity, as far as it is testified, by her trade, which was more in its total, than it had ever been, in any prior period. In the year, ended on the 25th of December, 1665, the value of the whole imports was 336,043l. * I am very willing to say, in the *true spirit* of the *Dublin Society*, that 70,000l. worth of tobacco imported might have well been spared, as well as 50,000l. worth of wine. But, people will consume whatever they want, whatever societies may say, or legislators may enact. During the same year, the value of the exports of Ireland amounted to 358,077l. † To those details, were

* The value of imports, from England, was of the amount of 200,450l.; and, from foreign countries, 135,593l.; making in all, 336,043l.

+ Of that sum the value of the products of Irish agriculture amounted to	- - - - -	L.309,808
Of linen cloth	- L.590	17,975
Of linen yarn	- 17,385	
Of manufactured iron	- - -	1,116
Of wood	- - -	2,384
Of skins (wild animals)	- - -	2,687
Of fish	- - -	24,107
 The total exports	- - -	 L.358,077

annexed some observations, which are here subjoined; as they illustrate the domestic economy of Ireland, in 1665. Of all those exports, about a moiety were sent to England; as live cattle, sheep, wool, linen, and yarn, with some other particulars: and, of the other exports, not above a fourth went to foreign parts. We may see, above, how many of the whole exports were the products of agriculture, including some woollen goods; being about two-thirds of the whole.* The other third consisted of wood, skins, iron, linen, and fish. More fish, they could have spared to the world, if they had had more people, nets, and other materials, to take them.†

Before the year 1681, the amount of the Irish exports had risen, from 358,077l. to 582,814l.; and the imports from 336,043l. to 433,040l. Such was the over-sea trade of Ireland, during the corrupt reign of Charles II.‡ But, there were no

* The whole value of the products of agriculture, in 1665, we have just seen, was - - - - L.309,808

In 1785, they amounted to - - - - 1,623,463 Such being the increase of this most important branch of industry, during 120 years!

† Those documents, I found in the Paper-office; having been sent to Mr Secretary Williamson, by Sir Peter Pett.

‡ A little detail will sufficiently illustrate the domestic circumstances of those times: In 1669, the Irish Revenue let, during

insurrections, to obstruct the progress of industry; or to withdraw the people, from their useful labours: and while the interest of money was settled at 10 per cent. they struggled with their want of commercial capital, which, in the absence of banks, is the great want, in the infancy of every people.

While Ireland was thus prosperous, in her domestic affairs, however corrupt, and violent her government might be, the revolution occurred, in England, and a rebellion broke out, in Ireland. King James II. driven from England, at length found refuge in Ireland. The warfare, and devastation, which now distracted, and ruined a wretched people, ceased in October 1691, by the capitulation of Limerick. These causes had the most baneful effects on the domestic industry, and foreign trade of Ireland, whatever influx of money there may have been, from England, and France, for paying the contending armies. Peace at home

during several years then past, at per annum, for £.219,500

In 1683, the gross revenue amounted to - 300,280-

In 1684, the same : - - - - - 319,167

In 1685, the same - - - - - 317,962

The cash, thus paid into the Exchequer,

amounted to - - - - - L.798,628

Which, at a medium, was, yearly, net - L.266,209

These details concur with the representations of Petty, in showing how few people, how little wealth, what small industry, and what inconsiderable trade, existed, during those times, in Ireland.

414 ESTIMATE OF THE STRENGTH [Ch.16. *A Sketch of the*

had, however, brought with it an increase of the cattle, and sheep, which had been destroyed, and neglected, during those sad confusions, which were followed, by forfeitures, and by emigrations.* The treaty of Ryswick, in July 1697, put an end to the obstructions, from war abroad : and, the industry of Ireland, which had been debilitated, by so many causes, began to revive, and to exert its renovated powers of reproduction. We may perceive the happy effects, in the following Statement :

	Of Exports.	Of Imports.
In 1697, there were	L.525,004	L.423,182
In 1698, - - -	996,305	576,863
—	—	—

An accurate eye may perceive, in those statements, how much the cessation from war promoted the languid exports of Ireland ; how little the want of wealth, after those sad distractions, and the absence of manufactures, promoted the imports. It is but an ill judged mode of estimate, to consi-

* The following Statement of the Revenue of Ireland exhibits a true delineation of the wretched effects of those disastrous times :

There were only collected,

	Of gross Rev.	Of inland Excise.
In 1689 -	L.8,884	- L.2,930
In 1690 -	87,388	- 28,724
In 1691 -	201,160	- 59,608
In 1692 -	238,824	- 64,478
In 1693 -	224,131	- 76,237
In 1694 -	232,846	- 64,903
—	—	—

der the amount of the value of *imports* to be the measure of a country's prosperity. Arthur Dobbs perceived, that "from the peace of Ryswick, Europe began to breathe, after a heavy war, and trade to revive, which occasioned a brisker demand for Irish provisions." * The intelligent Dobbs now goes on to tell, how much the Irish woollen trade was obstructed, by the injudicious regulations of the English Parliament ; how many manufacturers were obliged to emigrate ; and how much gain must otherwise have been made, that would at last have centered in England. †

But, let us turn our attention, from the dreary waste of war, to the more exhilarating views of domestic meliorations, during a century of renovated populousness, increased industry, and augmented capital.

According to a *three* years average of the Exports, and Imports of Ireland, ended with 1701, the

	Val. Exports.	Val. Imports.
Amount was - - -	L.779,109	L.726,559
A three years average, ending with 1751, was -	1,856,605	1,497,437

* *Essay on Trade*, 6.

† The import and export trade, between England and Ireland, did certainly languish, during the years 1700, 1701, and 1702, as we may learn, from the customhouse books of London ; and began to revive in 1703, notwithstanding the war, which, whatever Dobbs might say, is rather favourable to the *provision* trade, owing to the greater demand.

	Val. Exports.	Val. Imports.
A three years average, ending with 1801, was	- 4,100,526	5,591,503

Such, then, is the animating view, which those results furnish of the rich effects of Irish industry, during a century of domestic contestation, and foreign war. It will extend our prospect a little, if with those, who consider, that the gains of import are as great, as those of export ; and that the amount of the whole over-sea trade is best seen in the amount, both of the value of exports, and of imports, added together, we view both. Now ; the total value of both, according to a three years average, ending

	Total trade.
with 1701, amounted to	- - L. 1,505,668
The three years average, ending with 1751, was	- - - - 3,554,042
The three years average, ending with 1801, was	- - - - 9,691,029

Such, then, is the more accurate amount of the Irish over-sea trade, at those three epochs, at the distance of half a century, from each other ; as the customhouse registers testify. Every one, who understands common arithmetic, knows, that three are more than one : and that nine are equal to three times three. The first fifty years appears, in its value, to be one multiplied by three ; and the second to be three multiplied by three, nearly :

and there can be no doubt, then, whether Ireland had not prospered greatly, in her commercial affairs, in the hundred years, which ended with 1800, the epoch of her union. In considering this interesting topic, from those three averages only, without taking in collateral circumstances, we are wholly freed, from the embarrassment, of regarding, who were, meantime, the viceroys, or ministers, or persons governing, or patriots opposing : we have merely before our eyes, and understandings, *the people themselves*. It certainly required many more people, to carry on the commercial business of Ireland, in the last period, than in the first : it required more people, with more industry, and skill ; and it required more people, with more industry, skill, and capital. In 1700, Ireland had but few people, little industry, and skill, and still less capital.* During the effluxion of a century of wars, of disputes, and convulsions, Ireland acquired many people, more industry, more skill, and much more capital. And, whence did she obtain the people, the industry, the skill, and the capital, which produced, in 1800, so great a trade, as the value of 9,691,029l.? The answer must be, from her own powers of reproduction. And, we thus, incidentally, perceive, how little

* It is here proper to recollect, that the legal interest of money, in Ireland, was reduced, in 1704, from ten per cent. to eight; in 1722, to seven; and in 1732, to six per cent. Those several reductions imply, that wealth, and capital, began to increase, with the numbers of the people, and their industry.

Ireland owes, during that century of acquirement, either to her persons, in power, or to her patriots, out of power. This moral truth is of the greatest importance, not only to Ireland, but to every country, which is running that race of industry, how much the people owe to their own efforts, and how little to the intermeddling of others.

It may cast some additional light on this interesting subject, if we take the average exports, and imports of Ireland, at shorter periods of her advance; in order to review those several topicks, as we advance. We have seen the amount of the over-sea trade of Ireland, according to a three years medium, ending in 1701, to be no more than 779,109l. of exports, and of imports, 726,559l. The very prospect of war, in 1702, lessened the first, to 493,435l., and the latter, to 475,158l. They did not recover their several values, during the preceding peace, throughout the nine subsequent years of war. The peace of Utrecht, whatever might be its political value, brought great relief to the depressed trade of Ireland, after such protracted hostilities. The years 1714, and 1715, were periods of unexampled commerce, in Ireland. And the augmented amount, in those prosperous years, both of the exports, and imports, arose, from an uncommon traffic with Holland, and Flanders, Portugal, and Spain, France and her dominions. According to Dobbs, 1715 was the happiest year of her commerce, when her exports surmounted the imports by 557,068l. If we take

the years 1713, 1714, and 1715, as the epoch of the accession of George I., we shall perceive, from the

Average value of both, the
amount to have been *L. 1,280,810 L. 882,829*
Compare these with the
average of 1726-7-8 - 1,035,577 916,895

And these last years represent the trade of Ireland, at the accession of George II.; the amount both of the exports, and imports, at the first epoch, being 2,163,639l.; and at the last epoch 1,952,472l. Dobbs is not happy, in accounting, for the flatness, and defalcation, of the trade of Ireland, during the intermediate period, to the fluctuations of her domestic manufactures. No: they were more owing to the uncertainties, in other countries, of peace, and of war; to the stockjobbing both in France, and England, which affected private credit: yet, must it be recollectcd, that England was the great, and steady customer of Ireland, either in peace, or war, in her prosperity, or depression. One truth is certain, as we know, from subsequent facts, that the Irish people, with their industry, and their capitals, held their onward course, without much interruption, from whatever cause. We might infer this truth, from a view of the exports, and imports, of Ireland; before the war of 1738 began, and after it ended: and, these views are exhibited in the average value of

	Exports.	Imports.
The three years 1736		
1737	L. 1,232,446	L. 951,548
1738	—	—
And in the three years 1749		
1750	1,858,606	1,497,437
1751	—	—

At this epoch of the prosperity both of Britain, and of Ireland, it may be proper to pause a moment, in order to view the retrospective advance of the *Irish population*. Petty, with his usual talent, computed the people of Ireland, at the Revolution of 1688, at 1,200,000. There is too much reason, for believing, that the waste of war, which ensued within the bowels of Ireland, considerably reduced the numbers of her people, prolific as they are: and we may, accordingly, see intelligent men estimate them, in 1690, at 1,040,000: But, from the epoch of the subsequent peace, the Irish people began, undoubtedly, to increase, and multiply, with all the force of the prolific quality, and of the great *command*. In 1725, we are assured, that they had already augmented to 1,670,000 souls. At the epoch of the erection of the *Protestant working schools*, in 1733, there were very minute accounts taken of the population of Ireland, Protestant and Papist, though not by enumeration: According to Bishop Maule's account, from the *Bishop's books*, and other authentic *vouchers*, there were, at that era, 2,000,000; of people, in Ireland; whereof were of Protest-

ants about 600,000, and about 1,400,000 Papists ; or more than 2½ Papists to one Protestant. If there were any practical efficacy in the said *Protestant working schools*, we may easily suppose, that the said proportion of 2½ Papists to one Protestant, has diminished rather than increased. But, Petty, and Dobbs, had already settled, that one Protestant would do as much work, in the year, as two Papists. We were also informed, at that epoch, there were, in the four provinces of Ireland, as under :

	Prot. Families.		Pap. Families.
In Ulster	62,620	- - -	38,459.
Leinster	25,238	- - -	92,424.
Munster	13,337	- - -	106,407.
Connaught	4,299	- - -	44,133.
<hr/>	<hr/>		<hr/>
The totals	105,494	- - -	281,423;
	<hr/>		<hr/>

Which, at 5 to each family, in the country, 10 for Dublin, and 7 for Cork, make, in all, 2,015,229 souls ; and which very nearly correspond, saith Anderson, * with the said account of Bishop Maule. The increase of the people of Ireland held its rapid course ; and there is reason to believe, that they were rather more than 4,000,000 when her union with Britain was accomplished, in 1800. But, it is the largeness of the towns, which has the greatest influence on the commerce,

and finance of every industrious country. Dublin was said to contain, in 1733, about 129,420 souls: at present it contains, at least 182,000: Cork was said, in 1733, to contain 55,000 souls: it is said to contain now about 75,000. The only other towns, which, in Ireland, contain 40,000 souls and upwards, are Limerick, and Waterford: Yet, are there several other towns, in that prolific country, which comprehend great masses of industrious people, who promote trade, by their energy, and augment finance, by their power of expenditure.

Throughout the long, and languid war, which was ended by the treaty of Aix-la-Chapelle, there was little interruption to the industry of Ireland; to the course of her gains; or to the augmentation of her capital: The oversea trade of that sheltered island was very little interrupted, by the events of that war, whether happy, or adverse: The reason may be, that her best, and chief customer was Britain: and we might safely infer, both the augmentation of her people, and their enterprise, as well as the progress of their traffic abroad; from the vast flow of their exports, and imports, in the three fortunate years, ending with 1751, which indeed formed an epoch of great prosperity in Britain, which so greatly influenced the prosperity of Ireland. In Ireland, indeed, her prosperous state, soon after, led on to a parliamentary dispute, about the application of the surpluses of her revenue. The Commons, who held

the strings of the public purse, applied those surpluses to domestic meliorations : bridges, and canals, and mills were formed ; and manufactures were incited, and pushed forward, by every sort of encouragement, which the projectors, with public money, in their power, could propose. The effects were soon seen, and felt. The exports of 1755 rose, in their extended value, to 2,047,660l., while the imports amounted to the sum of 1,711,552l. Invigorated as Ireland was, by those means, she scarcely felt any interruptions to her industry, and gains, from the war of 1756.

For Ireland, as well as for Great Britain, the new reign auspiciously opened, in 1760. New encouragements were constantly given, while no obstructions were imposed. And the private gains of industry went on with the reduplications of money, let at usurious interest. We may see sufficient proofs of the salutary effects, if we compare the average values of the exports, and imports, in the three years ending with 1762, with those ending, in 1772 : The amount of

	Exports.	Imports.
The first period was	L. 2,274,422	L. 1,696,764
The second period was	3,302,576	2,415,785

During those years, the exports to Great Britain, which was her greatest, and her best market, were prodigious, while the British plantations formed the next greatest markets, as well for the suppliers of materials, as the furnishers of necessaries,

physical, and acquired. The colonial war began, in 1775, wherein the British Americans defied the power, embarrassed the policy, and obstructed the commerce of Great Britain : The British Americans were allowed to do so ; because the parent State would not put forth her strength, use her policy, or urge her traffic. The Irish factions took advantage of her various embarrassments ; and they demanded, in 1779, a *free trade*, without having, perhaps, any very precise idea of the real meaning of the *thing* sought. Their demands were granted ; as indeed concessions had already been made, without so much peremptoriness of requisition.* And yet whatever freedom of trade

* By the 18 Geo. III. ch. 55, certain goods were allowed to be exported, directly, from Ireland into the British plantations, in America, and to the British settlements, in Africa ; and Irish built ships were declared to be entitled to the same privileges, as British. By the 18 Geo. III. ch. 61, Papists were relieved, from the disability of holding estates, in Ireland. By the 19th Geo. III. ch. 35, tobacco of Irish growth was allowed to be imported into Britain. By the 19th Geo. III. ch. 37, bounties on the importation of Irish hemp were granted. By the 20th Geo. III. ch. 6, restraints on the export of woollen drapery, and glass, from Ireland, were repealed. By the 20th Geo. III. ch. 10, a free trade, with the British settlements in America, with the British West Indies, and British settlements in Africa, was allowed. By the 20th Geo. III. ch. 18, the Turkey trade was laid open to the Irish people ; and by the same statute, gold, and silver, were allowed to be exported to Ireland. Such, then, was the *free trade*, which was thus granted to the Irish traders, by those successive laws !

was thus granted to such requisitions, the commerce of Ireland languished during the years 1780, 1781, and 1782 : the fact is, however men may talk about freedom of trade, and whatever may be granted to the vehemence of their requests; without adequate capital, enlargement of enterprise, and the diffusion of correspondence, commerce cannot be much extended. This truth will appear, with sufficient clearness, by comparing the average values of the exports, and imports, during the free trade of the years 1780-81-82, with the restrained trade of 1770-71-72 :

	Exports.	Imports.
Those of 1770-71-72 amounted to L.3,302,576	L.2,415,785	
Those of 1780-81-82 - - -	3,102,938	2,748,293

The last, indeed, was a period of extended warfare; while the former was a period of unrestrained quiet. The exports, and imports, of the subsequent years, 1784 and 1785, did somewhat surpass the commerce of 1770-1-2, after the United States had opened their guilty ports to the Irish trade. *

* There may be mentioned a measure, or two, which possibly had some influence on the domestic economy, at least on the agriculture of Ireland : Her House of Lords having under consideration, in 1757, the state of *tillage*, came to several resolutions : that the consumption of Dublin has the most extensive influence on the *tillage* of Ireland ; the consumption being 200,000 barrels of wheat, (300 lib. weight of flour being equal to two barrels of wheat;) 2dly, it was resolved, that bounties be granted, on the land carriage of corn to Dublin. It appears that, during

The concession of a *free trade* was meantime followed, in 1782, by the demand of a *free constitution*. This demand was as inconsiderately granted, by the one side, as it had been positively required by the other.* Beyond the factiousness of the Irish statesmen, and the weakness of the British, political folly could not go. Every thing was thus granted by Great Britain; but nothing was granted, in return, by Ireland. These requisitions, and concessions, contained no adjustment of any thing, till they were followed, in 1785, by the *Irish arrangements*, for settling something like consistency, in commerce, between the two independent kingdoms: But, they were not very strongly urged on the one side, and declined on the other. If impolicy, or forbearance, had not been the resolutions of Great Britain, during those

during the five years, which elapsed with 1757, that there had been brought to the Dublin market,

Of home product	-	-	-	404,825 barrels.
Of foreign product	-	-	-	594,312 barrels.
<hr/>				
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999,137 barrels.

In 1774, the King was thanked, for giving his assent to a bill, in favour of tillage.—Lords Journals, vol. iv. 101-772.

* By the 22d Geo. III. ch. 53, the act 6 Geo. I. for securing the dependence of Ireland, was simply repealed; by the 23d Geo. III. ch. 28, appeals, from the courts of Ireland, to Great Britain, were also relinquished. And, in return for both those statutes, relinquishing the dependence of Ireland, nothing was obtained, or demanded; nor was there any arrangement of pretensions, or any treaty.

factious times, the proper measures, arising out of the existing circumstances, had been to resolve : since Ireland has thus acquired independence, without any return of benefit, or appearance of quiet; the people of Ireland shall be deemed *aliens*; their ships shall be *alien*; their trade shall be subject to *alien* duties ; as *aliens*, they shall not be admitted into the British colonies ; nor partake of the British fisheries. Such resolutions, which were the necessary inferences, from such assumptions, would have ruined the agriculture, and manufactures, the commerce, and circulation of Ireland, in a month ; so much did all these depend on her daily communications with Great Britain. In return, for that forbearance, Ireland, actuated by her usual charlatans ;

“ As charlatans can do no good,
“ Until they’re mounted in a crowd ; ”

assumed, in 1789, during a melancholy moment, a distinct government, from that of Great Britain. During some years, there followed extravagancies, which ended, at length, in the rebellion of 1798, upon the avowed principle of *entire separation*. But, the wretched men, who now drew their swords, on such a principle, and with such a purpose, were not more rebellious, than the Irish orators, who moved the vote of independence, in 1782 : and seemed to snatch the sceptre, from the King’s hands, in 1789. All men, at length saw, from such proceedings, that, between complete union,

and positive separation, there was no middle state. And, the year 1800 will always be deemed, in the annals of the British empire, the happy epoch of an incorporate Union, which had been settled upon equal mediums, conducted by prudent management, and consummated by the wise legislation of the two independent kingdoms.*

Meantime, the people of Ireland, consisting of rather more than 4,000,000 of souls, held their onward course, in the progress of their industry, and the enterprize of their traffic, whatever might be the factiousness, or imbecility of statesmen, on either side the Irish Channel. The Irish people increased their numbers, enlarged their commerce, augmented their gains, and reduplicated their capital. All these statements, we might infer, from a comparison of the exports, and imports, of the three years, ending with 1782, with the three years, ending with 1792 :

	Exports.	Imports.
The 3 years average of the first period was	L. 3,102,938	L. 2,248,292
The 3 years average of the second period was	5,125,984	4,164,985

This detail exhibits a commercial comparison of the three last years of a most disastrous war, with the three last years of a most advantageous peace. During that period, Great Britain, and Ireland, were equally prosperous. The unexampled amount of the over-sea trade, which is shown by the statement, ending in 1792, evinces that, it was in Ireland, as well as in Great Britain, a pe-

riod of uncommon prosperity, which did not last long. As early as 1792, and as late as 1802, a spirit of disaffection, which was followed, in many districts of Ireland, by popular disturbances, and traitorous insurrection, affected her quiet, and interrupted her industry.* A foreign war began, in 1793, which, like all former hostilities, introduced many obstructions, from abroad : two fruitless attempts were meantime made to invade Ireland, from France ; and one invasion, under Humbert, took place, which, for a while, perturbed a country, that was sufficiently prone to insurrection. In 1798, indeed, those disturbances ended in avowed, and inveterate rebellion, which was attended with waste of property to the amount of a million at least. The debility of public, and private credit, in England, during those unhappy times, was, no doubt, felt, strongly, in Ireland. And, the accustomed influences of all those causes, had the certain effects of lessening the exports, and augmenting the imports, of the years 1798, 1799, and 1800, the noted years of rebellion, and of union : So that the average values of the export and import trade of Ireland, according to a three years average, amounted to 4,164,082l. of exports, and 5,387,689l. of imports. †

* The Report of the Committee of Secrecy of the House of Lords in Ireland ; and the Parliamentary Proceedings of the United Parliament, 1802.

† The same debility, and diminution, might be proved,
from

Some additional light, may be thrown on the origin, and progress of the industry, commerce, and wealth, of Ireland, by taking some other views of her commercial affairs : For 250 years together, from the time of Edward III, saith Sir John Davies, the Irish customs did not exceed 1000l. a year : for, the subsidy of poundage was not then known ; and the greatest custom did arise, from the cocquet of hides. A pretty accurate idea of the progress of commerce, and of opulence, in England, and in Ireland, may be obtained, by tracing distinctly the several settlements of the legal interest of money, in both those countries. *

from the registered number of shipping, which belonged to Ireland, in the prosperous year 1792, and the disadvantageous year 1800 : In the first year, Ireland had 4193 ships, carrying 69,567 tons ; and in the second, only 1003 ships, bearing 54,262 tons.

* The legal interest of money was settled, successively, as under :

England.	Ireland.
In 1546 - at 10 per cent.	In 1695 - at 10 per cent.
In 1623 - at 8 per cent.	In 1704 - at 8 per cent.
In 1660 - at 6 per cent.	In 1727 - at 7 per cent.
In 1713 - at 5 per cent.	In 1732 - at 6 per cent.

At which it remains.

At which it remains, though an attempt was made, in 1788, to reduce the interest to 5 per cent. This rate was imposed on the Bank of Ireland, by its charter.

Another view of this interesting subject may be taken, from tracing the currencies of Ireland, at different periods of her progress. Before the reign of Edward IV. the legal value of money, in England, and Ireland, was quite equal. But, in that reign, this convenient equality was altered, by an absurd regulation, which created a difference of a fourth part ; the Irish shilling being worth but 9d. in England ; and the English shilling passing in Ireland, for 16d. : So that 100l. English made 133l. 6s. 8d. in Ireland ; or in other words, 33l. 6s. 8d. per cent. made the exchange at par, between the two countries. This difference of values, between English, and Irish money, continued till 1637, when it was taken away ; and all payments of crown rents, leases, and other charges, and contracts, *at that time subsisting*, were, by a deduction of a fourth part, reduced into English value : and hence, the legal value of money became again the same, in England, and Ireland. Thus, it continued till the Revolution. But, James II. coming soon after to Ireland, by a proclamation, in 1689, raised the English shilling to 13d. and during the subsequent confusions, the same shilling rose to 14d. in 1694, when the value of it had fallen in England : but, from that fictitious rate, it was reduced to 13d. in 1701. The regulation of the current value of gold, in Ireland, was settled, by the legal value of the English shilling : and, this being higher, in Ireland, than in Britain, as 13 to 12 ; the legal, or extrinsic value

value of money is fixed higher, in the one kingdom, than in the other: so that 100l. English is 108l. 6s. 8d. in Ireland; or in other words, 8*½*, from thenceforth, made the par of exchange, between the two countries.* Such then, is the history of the par of exchange between England, and Ireland, which, we may perceive, is wholly artificial, without any connexion either with the natural or mercantile exchanges, between those countries. It is, at the same time, curious to observe, that the before-mentioned periods of prosperity, or of depression, were noted equally for steady, or unsteady exchanges, between London, and Dublin. † The greatest part of the cash circulating, in Ireland, is the coin of England.

Meantime, the Bank of Ireland was established, in 1783, on a capital of 600,000l. † It was fol-

* Robison's Essay on Coins.

† The following exchanges, in London, on Dublin, justify that remark:

In 1748—January - 8*½*

July - - 8*½*

In 1749—January - 8*½*

July - - 8*½*

In 1750—January - 8*½*

July - - 9*½*

In 1771—January - 9*½*

July - - 9*½*

In 1772—January - 8*½*

July - - 9*½*

In 1773—January - 11

July - - 10

In 1790—January - 8*½*

July - - 8*½*

In 1791—January - 8*½*

July - - 8*½*

In 1792—January - 8*½*

July - - 9

+ The exchanges then were:

In 1783—January - 10

July - - 8*½*

lowed, and imitated, by a bank, or banks, which issued cash notes, in almost every hamlet, in that country. When the Bank of England was restrained, in 1797, from paying in gold, and silver, the Bank of Ireland was soon after restrained, from paying in cash ; and the private Banks could not pay their notes, in bullion, when the public banks were restrained. The exchange, which had been flat, in 1794, and 1795, began to rise in 1796, and a part of 1797. It again rose in 1799, and continued remarkably high, in 1800, in 1801, and 1802 ; and it rose to a great height, in 1803, and 1804 ; and when it advanced to 20 per cent. it induced Parliamentary enquiry, in 1804. The Committee of Enquiry attributed this unexampled rise, in the exchanges, to two causes ; to the unnecessary restriction, from paying in bullion, which was imposed by law, on the Bank of Ireland ; and to the over issue of paper ; while the real balance of payments was in favour of Ireland.* The Committee regretted, that they could

* Report of the Committee of Enquiry. There is a fact, or two, which seems to have escaped the vigilance of the Committee : The secret artifices of the Irish Directory of the United Irishmen, required their followers "to prevent the circulation of bank notes." See the Report of the Secret Committee of the House of Commons of Ireland, App. No. 28. The other fact is, that in 1804, at Belfast, there was an obvious preference given to the notes of the country banks of Scotland over the notes of the Bank of Ireland : at that time, and place, gold could not be procured

not offer to the House any remedy, for such a grievance. † But, the enquiry itself was a remedy, by laying open the causes of the evil. When the wretched hopes of the United Irishmen were dashed by the Union; when peace was again restored; when the industry, and trade of Ireland began to flow, in their usual channels; the exchanges returned to near their usual par: add to those causes, that the Bank of Ireland wisely issued large numbers of stamped dollars, and also circulated 600 tons of copper coins. *

for Bank of Ireland notes, under a discount of *one shilling per pound*; while the notes of the Scots banks were exchanged for gold, at only 4d. in the pound; the difference of 1d. in every shilling being always calculated to bring the two currencies to *the par*. This is an extremely curious fact; arising partly from the intrigues of the United Irishmen, and partly from the real preference of the Scots bank notes, in the north of Ireland.

Some very adequate remedies were, however, applied to the defective circulation, and to the unfavourable exchanges of Ireland, by the British government: useful coins were introduced there, in the place of depreciated paper;	
There were circulated by the Bank of Ireland,	
Stamped dollars at 6s., of the value of	L.232,952
Silver tokens, of the value of	848,404
Copper coins, of the value of	124,706
The total circulated	<hr/> L.1,205,462

Before the end of the year 1804, the exchange with Dublin, at London, had fallen to 11 per cent. *Lloyd's List.*

We have now seen that, with the prosperity of Ireland, the exchanges are not higher, or more unsteady, than they might be expected, during such times, and under such circumstances. Whatever may have been, in the days of Malynes, and Mis-senden, under James I., there are obviously now three kinds of exchange : the natural exchange, which consists in the expense of carrying money, from one country to another ; the commercial exchange ; and the political exchange, consisting of the remittances for public purposes, exclusive of private dealings. In those views of the subject, the efforts, which have been made, and are making, for shortening the roads, securing bridges, enlarging harbours, and facilitating the passages, between Great Britain and Ireland, are of the greatest importance ; as the risk, and expense, of conveying money, must be thereby lessened, and correspondence promoted ; as well as the intercourse, and the Union, thereby very much improved.

Yet ; is it made a question, by those writers, who come forward to instruct the dullards of Great Britain, on the affairs of Ireland, whether the com-

It rose, in the subsequent year ; and stood in December 1805, at $19\frac{1}{4}$. It fell, in 1806 ; and stood, in December of that year, at $11\frac{1}{2}$ to 12. In March 1807, it was as low, as $10\frac{1}{2}$; and towards the end of the year it fixed at $10\frac{1}{2}$. In February 1809, it was as low as $8\frac{1}{2}$ and 8 ; and stood in December 1809, at $9\frac{1}{2}$. In 1810, it has been very steady from $9\frac{1}{2}$ to $9\frac{3}{4}$. *Wattenhall's Lists.*

merce of Ireland has prospered, or withered, since the Union, in 1800; whether the Irish people have any thing to congratulare themselves upon, since the Union. To such wailings, it may be allowed, that there is nothing mystical in the word, *Union*, or in the thing. Honest Dobbs had, indeed, opened his well-meaning Essay, by remarking that, “ trade unites in interest and affection, the most distant nations : ” and, what people ever rejected the sincere offer of friendly commerce, but *United Irishmen*, who, hyena-like, are no more capable of amity, than she is ; and who, with the same wildness, possess her subtilty, and malice ? The free trade, which was allowed to Ireland, in 1779, 1780, and 1781, was merely given, under qualifications ; and might have been reclaimed from independent Ireland. *The Union* conferred on Ireland a *free trade*, without any qualification, in the same manner as the English, and Scotch people enjoy *free trade*. But I never heard, that the statesmen, who made the Union of 1800, secretly promised to transfer any part of the commercial capital of Great Britain to Ireland, whatever the Lord Lieutenant may have silently engaged, without authority. Now ; it is very possible for a people to be entitled to a *free trade*, without possessing the means of carrying it on. The year, when the Union commenced, was still marked by its revolutionary state. *

* It is a fact, which is stated by the writers, who utter their wailings, under the seductive form of instruction, that “ on the 25th of March 1805, there were no fewer than

of a lengthened war; and, 1801 was the epoch of the protracted treaty of Amiens. Add to those causes of depression the derangement of the exchanges of Ireland, during the successive years, 1801-2-3 and 1804.† Can it, then, be matter of wonder among well informed persons, that the oversea trade of Ireland should languish, for some time, after the *Union* began; there being nothing of *enchantment*, either in the *word*, or the *thing*. After this introduction, let us now examine the public accounts, which are kept, and produced, for the very purpose of ascertaining the fact, and preventing delusion: There were in—

	Ir. Exports.	Ir. Imports.	Tot. of both.
The three years average of the years 1798, 1799, 1800 - -	L.4,164,082	L.5,387,689	L.9,551,771
Do. - 1801, 1802, 1803 - -	4,754,676	5,456,453	10,211,129
Do. - 1804, 1805, 1806 - -	5,131,208	5,769,035	10,900,243
Do. - 1807, 1808, 1809 - -	5,710,203	‡ 7,079,611	‡ 12,789,814
In - 1810 - - - -	6,098,485	6,564,578	12,663,063
In - 1811 - - - -	6,090,411	7,231,603	13,322,014

“ 1,474 persons confined, on suspicion, in different prisons, “ and in the prison ships of Ireland.” So obstinate a passion is *United Irishism*, when it operates on gross ignorance.

† App. A. 1. to the Report on the Circulation of Ireland.

‡ The real value of the Irish produce, and manufactures, which were exported, in the year ended the 5th of January 1810, computed, at the average prices current, amounted to 11,464,265L.; in 1810, to 10,781,050L.; and in 1811, to 11,567,219L.: By thus getting at the real value of the products, natural, and artificial, of Ireland, much of the mystery of the Balance of Trade, and of the exchange with Ireland, mounts to the moon.

We thus see, then, that in the eleventh year of the Union, the oversea trade of Ireland had gradually risen, from 9,551,771l. to 13,322,014l. Thus prosperous is the state of the over-sea trade of Ireland; as it appears, in this accurate detail: and, from it, we may perceive, that Ireland enjoyed the exported value of 3,770,243l. more, in the eleventh year of the Union, than in the year before it commenced, by a progressive increase in every period.

By taking some other views of this important subject, the same progress of prosperity may be seen with equal distinctness. Let us examine the progress of the Irish Customs, and Excise, the one representing the foreign trade of Ireland, and the other her domestic consumption:

	CUSTOMS.	EXCISE.
	Gross Produce.	Gross Produce.
The produce - in 1801	L.1,820,265	L.838,025
Ditto - - in 1802	2,041,613	1,805,105
Ditto - - in 1806	1,920,359	1,980,623
Ditto - - in 1807	2,452,765	2,306,435
Ditto - - in 1810	2,206,301	1,976,998
Ditto - - in 1811	2,453,016	2,244,661

The same reflections will arise, from taking a view of the progress of the Post-office duties, and the Stamp duties, during the same period:

	POST-OFFICE.	STAMPS.
	Gross Produce.	Gross Produce.
The duties - in 1801	L.102,293	L.211,492
- in 1802	102,518	211,427

The duties	in 1806	POST OFFICE	STAMPS.
		Gross Produce	Gross Produce
	in 1807	149,857	572,127
	in 1810	158,749	598,154
	in 1811	195,531	716,740
		238,880	880,675

What is there, then, in those comparative statements but what may encourage wise men, though they make a different impression upon those pragmatical pamphleteers, who are studious to instruct more intelligent persons, than themselves.

The excess of the official value of *Imports* over the *Exports* is, however, the great dread of such disquisitors ; so, says Shakspeare,

" Should a murtherer look, so dread, so grim."

The *balance of trade* used, in former times, to be the terror of England, while the *mercantile system* was the great object of attention. Josuah Gee, a pragmatical quaker, by publishing the absurd details of the national trade, threw the whole people into a panic tremour:

" Men left the city in a panic fright ;
 " Lions they are in council, lambs in fight ! "

Mr Hume wrote his fine Essay on the *Balance of Trade*, to remove those terrors of ruination, by the export of the whole coins of the country. And his conclusion, that the coins may be left, in quiet times, to find their own currency, while the peo-

ple; with their industry, remain, gave great comfort to every one, except to those, who delight to be told, that they are ruined. In the mean time, the over-sea trade of Great Britain rose in the value of its exports from 12,599,112l., according to the average of 1749-50-51, to 24,905,200l., in 1792; to 50,301,763l., in 1809. The value of the whole exports of Ireland, as we have seen, was only 779,109l. in 1701; 1,854,605l. in 1751; 4,100,526l., in 1801; 5,739,843l., in 1809; and 6,090,411l., in 1811. Now; it is quite evident to all, who are capable of reasoning on such subjects, that it required both, in Ireland, and in Britain, more people and industry, more capital and enterprize, to export the cargoes of 1809, and 1811, in both, than the cargoes of 1801, of 1751, or 1701: And, whence did the inhabitants of both derive all those augmentations of enterprize, and capital; of industry, and people? The answer must be; from their own powers of reproduction.

But, since no one, in trade, ever does any thing, for nothing: so the traders of Ireland, both importers, and retailers, who were concerned in the great cargoes imported, in the three years, ending with 1800; of the same, ending with 1803; of the same, ending with 1806; of the same, ending with 1809, must have gained their usual profits on such vast transactions: and do not the gains of the whole people, collectively, arise from the gains of the individuals, separately? Undoubtedly. The

persons owning, and navigating, the many ships, which imported those great cargoes, at those successive epochs, had their profits; the merchant importers had their profits; and the brokers, and retailers, had their several profits. What boats is, then, whether those profits be made on the imports, or exports? If there be an *excess of imports*, must not the overplus be paid for, in bullion? Yes: but, we will suppose, that the bullion was sent out, to import cotton wool, raw silk, or flax seed: will not all materials of manufactures be wrought into something, whereon there may be gained *cent. per cent.* of the first purchase money? Such were the doctrines of Child, Petty, and D'Avenant, a hundred and twenty years ago. And the whole doctrine of a balance of trade was exploded, till it was revived, by that facetious, and logical gentleman, the late Mr Alderman Falkener of Dublin; and continued, by those Irish writers, who are studious to instruct the good people of England, on such recondite topics. And those writers threw out their insidious sarcasm, " how little reason the people of Ireland have to " congratulate themselves upon the *Union*, with " reference to the *balance of trade*," though the instructive evidence of the Inspector of Imports and Exports, the very well informed Mr Marshall, before the Exchange Committee, flashed conviction in their eyes.* Such writers ought to remember,

* The Inspector General, by an accurate estimate, from the real prices of the imports, and exports of Ireland, proyed,

that the best possible mode of giving instructions to the people of Britain, is not by propagating gross perversion, or intimating insidious sarcasm. The researches of the Exchange Committee, in 1804, ought to have steeped in forgetfulness the senses of such writers, on the delusory score of the balance of trade, as evidenced by the mere *official* value of the exports, and of imports, which able men have deemed too vague, for useful deductions: But, let well intentioned men mark the subjoined detail of the *real* value of the imports, and exports of Ireland, during the latest times:

	IMPORTS.	EXPORTS.
	Real Value.	Real Value.
In 1810,	L.9,602,076	L.11,707,411
In 1811,	8,771,527	11,945,000

ed, that there was a balance, in her favour, in the year ending with January 1803, of 1,816,114*l.*; being the excess of the exports, amounting to 9,020,982*l.*, over the imports, amounting to 7,194,868*l.* Rep. Com. 127. The real value of the Irish produce, and manufactures, which were exported, in the year ending on the 5th of January 1810, computed at the average prices current, amounted to 11,464,265*l.*

Inspect. Gen. Report. The imports, according to the 3 years average, ending with 1809, amounted only to 7,079,611*l.* The writers, then, who persecute us, with their information, or impertinence, would do well to be silent on the *balance of trade*, lest they be told,

“ The happy whimsey they pursue,
“ Till they at length believe it true;
“ Caught by their own delusive art,
“ They fancy first, and then assert.”

The difference, then, between the *real value* of imports, and of exports, may be deemed, what is commonly understood, by *the balance of trade*.

It gives an equally important result, to investigate the actual shipping, which were employed in the *inward*, and the *outward* trade, between Great Britain and Ireland, at the Union, and afterward, by taking four periods, of three years average each, beginning with the years 1798, 1799, and 1800:

	Inwards.		Outwards.		The Total.	
	Ships	Tons.	Ships.	Tons.	Ships.	Tons.
Average of 1798, 1799, 1800	5,634	494,292	6,584	534,749	12,218	1,029,041
of 1801, 1802, 1803	5,708	480,274	5,528	466,365	11,236	946,639
of 1804, 1805, 1806	6,357	546,301	6,491	562,595	12,848	1,108,896
of 1807, 1808, 1809	7,001	584,557	6,895	609,652	13,896	1,194,209

Such is the evidence of the commercial intercourse between Great Britain and Ireland, at, and after the Union between them, as given from the British Register; amounting in the last period, more than in the first, to 1,678 voyages, carrying 195,168 tons: yet, it is important, to inquire what number of shipping was employed of late, in carrying on the whole over-sea trade of Ireland: we shall ascertain this point, with sufficient accuracy, by taking a three years average, of the inward, and outward shipping, from the Register of Ireland:

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	Inwards.		Outwards.		The Totals.	
	Ships.	Tons.	Ships.	Tons.	Ships.	Tons.
Average of 3 Years 1807, 1808, 1809	8,532	789,509	7,937	755,926	16,468	1,545,435
In 1810.....	10,156	923,719	9,411	869,815	19,567	1,793,534
In 1811.....	10,004	949,997	9,309	898,586	19,313	1,848,583

Such, then, are the whole voyages, with the quantity of tonnage, which were required, for the augmented commerce of Ireland, in the ninth year of the Union. The tonnage of the British shipping is nearly $\frac{4}{5}$ ths of the whole ; the Irish tonnage is rather less than the $\frac{1}{5}$ th of the whole ; and the foreign tonnage, even amidst such a war, is rather more than $\frac{1}{5}$ th of the whole. It will open another view of this interesting subject, if we inquire what shipping Ireland, which has never been very famous for naval affairs, actually possessed, both before, and after, the Union : In fact, there were registered, as belonging to the several Irish ports, during 1798 - - 1,025 ships, bearing 49,998 tons

1799 - - 999 - - - 49,825

— — — during 1808 - - 1,104 - - - 58,959

1809 - - 1,119 - - - 69,979

1810 - - 1,133 - - - 59,154

Whether we review the value of the exports, and imports of Ireland, both before and after the Union ; or consider the augmented number of annual voyages, for carrying those cargoes, since that event,

or the increase of the number of Irish ships, during the nine years of the Union, we may perceive how little foundation there was, for saying, “the commercial prosperity has very visibly declined, since that measure was carried into effect.” The writer, who talks thus, with the public registers, before his eyes, only disparages his own understanding ; and warns his readers not to believe him, even when he does speak truth. That assertion was made, by the writer, who has studiously inculcated how many more people now inhabit Ireland, than formerly ; how much more wages the industrious people there have, at present, than formerly ; how much the *rental* of Ireland has risen, since the cessation of treason, privy conspiracy, and rebellion : and when, in addition to those instructive circumstances, he perceives, as the necessary results, augmented consumption, and productive taxation, he instructs his reader, as a just conclusion, from the most egregious sophistry, how much the trade of Ireland has declined, since the Union. However loquacious he is, on this topick, he does not inform us, after exhibiting an augmented rental, what is the price of land in Ireland, since the Union. The well informed A. Young, however, assures us, from an average of the price of land, in every county of Ireland, that it sold, when he visited that country, at one and twenty years purchase.* From

* See the App. sect. iii, to his *Irish Tour, 1776-7-8,* and brought down to the end of 1779.

all the inquiries, which I have lately made, as to this important point, I am led to believe, that the present price of lands, in Ireland, is five and twenty years purchase, which is the necessary result, of more quiet, greater prosperity, and more indisputable title: yet, are we told, by the same writer, that all this is “but an illusive prospect of future good.” Of such illusive folly enough!

I cannot, however, concur with Sir Francis D'Ivernois, that the late prosperity of Ireland has arisen, from the effects of the Berlin decree: No: I will maintain, that Ireland has flourished, since the Union, in spite of the Berlin decree. Former wars with France had a sort of magnanimity in them; that softened the rigours of their operations: from *the Dominator of Europe*,

“ _____ bloody,

“ Sudden, malicious, smacking of ev'ry sin,

“ That has a name, _____”

hostilities, without any of the chivalry of the past, have assumed a malignity, which condescends to any baseness, that subtlety can invent, for obtaining its ruinous purpose. During former wars, both Scotland, and Ireland, from the feeblenes of their means, to meet difficulties, were much more distressed than England: during the present hostilities, Scotland, and Ireland, from augmented resources, have been very little affected, by the power, or the artifices, of such an enemy, as we have just seen. In former wars, as we have remarked, commerce was pressed down, by the obstructions.

of hostility, to a given point, whence commerce always rose, in a contrary direction, till it became superior to its former elevation: in the present war, we may see something of the same principle, producing the same effects: but, in England, in Scotland, and in Ireland, from greater capitals, knowledge, and enterprize, they have carried on their over sea-trade, during the present war, beyond the brightest example of the most confirmed peace.* And their commercial operations were carried on, in spite of the Berlin decree, and the malignant artifices, which continue to be connected with it. Here are the proofs: according to a three years' average, ending with 1792, the value of foreign merchandize and colonial products, which were exported, from Ireland, amounted to - - - - - L.65,943

And in the first year of the war of 1793, }
such goods amounted only to } 25,861
- - - - -

In 1806, the same cargoes amounted to	157,443
In 1807, Do. - - - - -	150,370
In 1808, Do. - - - - -	235,694
In 1809, Do. - - - - -	330,933
In 1810, Do. - - - - -	627,472
In 1811, Do. - - - - -	256,415

By comparing the two periods together; by comparing the four years of war, under the effects of

* See, before, the Chronological Table; and the shipping, and cargoes of Ireland, before detailed; which furnish proofs of prosperity, beyond that of her best times.

that decree, in respect to foreign merchandize, and colonial products, we see, by demonstration, that the over-sea commerce of Ireland, in those goods, has flourished, notwithstanding the Berlin decree. As far, indeed, as England, Scotland, and Ireland, have been driven, by that decree, and by the concurrence of the United States, to rely, severally, on their own resources, they have been benefited by both.* But, of this topic enough. Ireland, notwithstanding the reiterated outcries of her turbulent sons, and the war, which may be said to have begun with the Union, has abundantly flourished. She could not flourish faster, without supernatural means. The speed of the horseman, said Dr Johnson, is limited by the power of his horse. Neither a commercial individual, nor a commercial nation, can advance, with more rapid progress, than their capitals, their correspondencies, and their other means, will easily allow, or generally admit.

England, Scotland, and Ireland, were but in their infancy, during King William's reign; having scarcely recovered from the waste, and wretchedness of the grand rebellion. In England, the annual expenditure, during William's wars, could not be carried much beyond 6,000,000l. ; which, however, went in its efficacy, much further, than

* It is stated, as a fact, that, in Ireland, there was sown, during the year 1806, as much flax seed, as would produce 2,404,621l. worth of flax. This shows what such a country as Ireland can do, when she trusts to her own resources.

the same sum, at present. Ireland, in 1811, expended 11,182,133l. On England, William's wars left a public debt of 10,066,777l. The public debt of Ireland, on the 1st of January 1812, was 63,115,037l., funded, and unfunded. The surplus products of England, during King William's reign, which were exported, amounted only to 4,086,087l.: The shipping, British and foreign, which transported that cargo, amounted only to 244,788 tons. In 1811, the whole surplus products of Ireland, which were exported, amounted, in official value, to 6,090,411l., and which were computed to amount, in real value, to 11,945,000l.; and to export this cargo required 9,309 vessels, carrying 898,386 tons. Nor, is it ~~saying~~ too much to state, that the over-sea trade is, in its real amount, quite equal to the over-sea traffic of England, at the accession of George II. But, we shall see, hereafter, demonstrations of the unexampled prosperity of the three United Kingdoms, during the present war, which is carried on, with aspect malign, against their manufactures, and trade, by the Dominator of Europe,

—“ the malicious foe that,
“ Envyng our happiness, and of his own
“ Despairing, seeks to work us woe, and shame.”

C H A P. XVII.

The losses of our Trade from the War of 1803.—

Their amount.—The Berlin Decree.—Its Consequences.—The vast Adventures of 1809.—The value of our whole Dealings in that year.—The greatest Prosperity followed by two flat years.—The reflection of Experience.—The question of our Exchanges discussed.—Proofs from the brief History of the Bank Restriction.—The decision of that question.—A tabular State of additional Proofs.—A detail of the real Value of Exports, 1809.—The Result.—Seven years Trade, ending with 1811.—Remarks thereon.—Additional Proofs of our vast Prosperity.—Followed by Discontents.—The question about the Depreciation of Money discussed.—The Conclusion of the whole.

AFTER so full a discussion of the affairs of Ireland, it is now proper, according to the plan of this work, to estimate the losses of the commerce, belonging to the British Isles, from the war of 1803, thus malicious, in its purposes, yet, inefficacious, in its effects. During the short, but captious peace of 1802, the trade of Great Britain was quite unexampled, in its greatness. - The first effects of hostilities, which were commenced, by the people, with alacrity, was to reduce the

value of the cargoes exported, in 1802, from 41,411,966l. to 31,438,495l., in 1803. The next effect was, to introduce into our carrying-trade 112,819 tons of foreign shipping. The third effect was, to lessen the British shipping, which were employed, in our carrying-trade, 173,900 tons; many of which, however, may have been taken into the service of the public, when they ceased to be employed by private individuals. Since the topic of employing foreign shipping is a point of national jealousy, it may be well to bestow on it a few remarks, in order to mollify that jealousy. Experience evinces that, in every war, Great Britain has employed many foreign ships, which are immediately discharged, on the return of peace. We have not employed so many foreign ships, in the present war, as in the former, by 105,130 tons; the greatest number of foreign ships being employed, during the former war, in 1801, and the greatest, during the present, in 1809. During the year of peace, 1802, the epoch of the greatest prosperity, that had then been known, there were employed of foreign ships 461,723 tons: the year 1809 was an epoch of still greater trade, in this country, yet there were only employed 699,750, in this year, being an augmentation, in the seventh year of the war, of 238,027 tons, while there was a considerable augmentation of British shipping: But, it was an epoch of the greatest exportation, that this country had ever known. After this exposition, we may per-

ceive, that there is nothing, in the topic of foreign shipping, which required any particular remark, in our public councils ; as what happened now, had happened before ; and will again happen. *

It may be again proper to indulge, in a remark, or two, on the fortune of our trade. The defalcation of our exports, in 1803, was very great, and indeed beyond experience : yet, they recovered, considerably, in 1804, when they were much greater than those of the year 1798. The exports of 1805 were still greater ; and were much above those of the year 1799. And our trade continuing to rise in its flow, the exports were still higher, in 1806, than they were in 1805 ; though they did not rise to the great amount of 1800, when the sum of our exports was 38,120,120l. Such, then, is the vast force of the spring, in our extensive commerce, which has a wonderful faculty, according to the language of Milton, “ either state to bear, prosperous, or adverse.”

But, a new event was at hand, which was intended to ruin, or regulate commerce. In November 1806, the dominator of Europe, mounting on the steeple of Berlin, that he might be heard, cried out, in a frantic voice—“ The British Isles are in a state of blockade.” Another dominator, in his day, during a prior age, commanded the tide to reflow : but, notwithstanding

* See the Chronological Table.

the command of Canute, the great, the tide continued to flow : and in spite of the dictation of Bonaparte, the great, our commerce continues ; our ships sail ; and our isles blockade the world. How much the trade of Scotland, and Ireland, have severally prospered, notwithstanding the Berlin decree, we have already seen. Let us now examine what commercial effects were the consequences of the Berlin decree, and the American non-importation. The amount of exports, in the years 1807, and 1808, were each nearly two millions of pounds of less value, than the amount of 1806, though they were nearly a million more than the value of exports, in 1798. * The Berlin decree, and the American co-operation, left Great-Britain in possession of an outward commerce, amounting yearly to thirty-four millions and a half, sterling value. The British Government issued orders of retaliation, and gave some facilities : the result at length was to send out cargoes, in 1809, of the Customhouse value of 50,301,763l., which were worth at least 77,173,562l. sterling money. †

The usual prices of the public funds were higher in the end of the seventh year of this malignant war, than in the year of peace, before it be-

* See the Chronological Table.

† The actual value of British produce, and manufactures, exported from Great Britain, in 1809, according to the prices current, amounted to 50,242,761l. sterling.

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gan. † Never were there measures of such mighty portent, as the Berlin, and Milan decrees, so completely disappointed, in expected effect. But, neither the President of the United States, if he were free, nor the Dominator of Europe, if he were sane, are capable of judging, from the experience of the past, or acting, from prescience of the future: they both continue to act, as if they conceived, like the great, but preposterous, Canute, that they too could regulate the flux, and reflux of sea.

During the progressive prosperity of Great Britain, throughout the effluxion of half a century, the year 1809, was the most prosperous.* This truth will equally appear, whether we consider our domestic industry, or our foreign trade. In

+ The usual prices of the Public Funds, beginning with the year of peace, 1802, is an additional proof of the same important deduction.

		Bank Stock.	3 per Ct. Con.
1802	(the average of the year)	186½	70
1803	{ February - - -	188	71½
	{ November - - -	142½	58½
1804	December - - -	167½	58½
1805	November - - -	193½	60
1806	December - - -	210½	59½
1807	November - - -	225	63½
1808	November - - -	237	66½
1809	{ January - - -	239½	
	{ December - - -	278	70½

* See the Chronological Table facing p. 315.

that year of 'enterprize, the energetic people of this country engaged in a thousand more undertakings, within our several shires, than they had ever done before, in any age of their efforts: Such was their domestic industry! There were, in fact, passed, a greater number of laws, for local meliorations, than had ever been enacted, in the busiest period. The parliamentary record is a full proof of this important truth. And we may thus infer, from the statute book, an interesting point of experience, that the vigorous people of this animated nation carry the struggle of their wars into their domestic pursuits. Owing to that energy, there were more skill, more capital, and more people, employed in the labours of agriculture, in the energies of manufacture, and in the enterprizes of traffic abroad, during that year of adventure, than any former period could boast. When excises, and such taxes, yield abundantly, this circumstance evinces, at once, the full employment of the people, their industrious pursuits, and their abilities to consume what their wants, or wishes, demand. There were never, in any year, so many shipping employed to transport such uncommon surpluses of what our land, and labour, produced. We may, indeed, be said to have enjoyed, at the end of 1809, the whole trade, which the unhappy world retained; as we had possessed ourselves of the ships, commerce, and colonies of our malignant enemy; and the United States had denuded themselfes of their

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traffic, and denationalized themselves of their shipping, according to the French phrase.

It is of great importance, to lay before the more cheerful reader the fair valuation, at which our commercial concerns might be calculated ; and as they were laid, in that year, before the House of Commons, by a very well informed Committee. † The official value of the *imports* and

exports, in 1809, exclusive of the value of *imports* from India, and China, amounted to - - L.80,708,823
Add 50 per cent. for the difference between the *real* and the *official* value - - - - - 40,354,421

The oversea trade - L.121,063,244
Our domestic trade has always been deemed equal, if not superior, to our over-sea trade - - - - 121,063,244
Our coast-trade may be estimated, at one half of the imports and exports - - - - - 60,531,628

The value of our whole trade, home and foreign - - - - L.302,658,110
Add to the above the value of ships, which were registered, in Great Britain, in 1809; being 2,368,468 tons, at 10l. per ton - - 23,684,680
Carry over - L.326,342,790

† See the Report of the Insurance Committee.

Brought over -	L. 326,342,790
The freight thereon, at 5l. - -	11,342,340
The difference, between the tonnage of British vessels, cleared inwards, and outwards, (3,070,725l.) for 1809, and the registered ton- nage, as above, 2,368,468 ; be- ing 702,257 tons, at 10l. per ton	7,022,570
The freight thereon, at 5l. per ton	<u>3,511,285</u>

The total - - - L. 348,218,985
The value of property insured, in 1809 - - - - - 162,538,900
The value of our whale fisheries seems to have escaped the obser- vation of the Committee : But, the real value of the whale fisher- ies, in 1809, may be stated at - * 500,515

* During the year 1811, there were employed in the Southern Whale fishery 59 vessels, whose outfit to sea was little, if any thing, short of 600,000l., the produce of this adventure, (only 27 vessels came home between 1st January and 31st December 1809) ; but, they imported,

Tons.

Of Spermaceti oil - 3,404 at 100l. per ton.

Of Whale oil - - 966 at 37l. ditto.

Total - - 4,370 tons, worth - L. 376,142 0 0

Whalebone - - - 160 cwt. at 40s. - 320 0 0

Seal skins - - 41,365 at 6s. - - 12,409 10 0

Ambergris - - - 960 oz. at 13s. - 624 0 0

The whole value of this fishery - L. 389,495 10 0

In

Such, then, was the amount of the dealings of Great Britain, domestic and foreign, during the year 1809! From all those considerations, we may perceive, how much labour was put in motion, and sustained ; how much commercial value was produced ; how much *commercial capital* was reproduced ; and how many facilities were given to every man, and to every measure, by our *paper money*, which seems to be now run down, by all those, who, from habit, or accident, or association, look with malign aspect on our national prosperity : And hence, the recent efforts of mischief ; by the misconceptions of interest, and the falsehood of disappointment, the publications of self-conceit, and the usual insidiousness of French economists ;

“ Who can add colours, ev’n to the cameleon ;
“ Change shapes with Proteus, *for advantage.* ”

Such, however, are the wondrous changes, of a changeful world ! The most prosperous period is sometimes clouded, by a disastrous year : Many traders adventure out on the ocean of commerce, as I have formerly remarked ; yet, all cannot return, with happy gales, into port. The year 1792 was the most remarkable of any former time, for

In 1811, there were 109 ships employed in the Greenland Fishery : Thus our fishery flourished, while our other traffic was flat. The real value of our whale fisheries, in 1810, was 566,967*l.*

industry at home, and traffic abroad : Yet, was it followed, by the bankruptcies of 1793 ! The year 1809 was superior to 1792, in every thing, that constitutes superior industry, and more extensive commerce, in the proportion of 50,000,000l., and upwards, to 25,000,000l. : Yet, was that prosperousness accompanied, by unfavourable exchanges, and several bankruptcies, and followed by some debility of public, and of private credit, as well as, by two flat years of foreign trade : yet, the exports of the year 1810 were greater than any former period, except the prodigious export of 1809 ; and the exports of 1811 were much greater than those of the most prosperous year 1792, and even greater than the average exports of the nine years of war, which followed 1792. But, what had already happened will again happen. Experience evinces, that in every war, there is a point of depression below which our over-sea trade does not fall ; and from which, it never fails to rise, in a contrary direction, till it has gained a superiority over the amount of the preceding years of peace. *

It is a fact, however, which must be acknowledged, since it cannot be doubted, that our exchanges, during some years, have been unfavourable, whatever may have been the vast amount of our exports, amidst the commercial revolutions of the troubled world, both in Europe, and America. Several of the most commercial towns, in

* See the Chronological Table for *the fact.*

Europe, where exchanges were carried on, under happier auspices, to a great extent, ceased to be commercial, when the Continental System of the Napoleonic Code was promulgated among them. The trade of the world being in a revolutionary state, could not flow in its usual channel. The balance of payments thus became adverse to Great Britain, while the balance of her exports, and imports, was greatly in her favour. When the dominator of Europe commanded that British merchants should not traffic, nor possess any funds, within the sphere of his influence, what business could be done, or exchanges made! The enforcement of such a code, from such a legislator, must necessarily obstruct all dealings, and lessen the influence of profits: Under such a tyranny, no one will be so hardy, or so foolish, as to avow, that he possesses either British goods, or British credits. As the true principle of exchange is confidence, what exchanges can exist under a code of treachery! The *free towns* of the south, and north of Europe, where exchanges were wont to be transacted to a vast amount, no longer exist as *free towns*, or as places of exchange.

Such, then, are the real causes of our unfavourable exchanges, and the consequent export of bullion, which, with the defective supply, brought on the high prices of bullion. The foregoing truths may be demonstrated, from a short history of the *Bank restriction*, by Parliamentary authority. The origin of this salutary measure, owing

to the malignant nature of our enemies, is not to be attributed to the designs of the Bank Directors; but, to the prudence of Government, and the wisdom of Parliament. The epoch of the Bank restriction is February 1797: And the state of the nation, at that epoch, may be given, in the following manner: The whole exports of Great Britain amounted to 28,917,010l.; and the balance of trade to about 7,906,000l. The amount of bank notes, which were then circulated, for the common benefit, may be stated at 10,403,000l. There were coined, in 1797, 2,000,297l. of gold; while the price of standard silver was 5s. 2½d. per ounce. The exchange with Hamburg was 36.9; and the 3 per cent. consols sold, on an average, at 53 $\frac{1}{4}$ per cent. Under all those circumstances, at the end of 1797, the Bank Directors submitted to Parliament their ability, and willingness, to pay, as usual, in specie, if the wisdom of the nation saw no political reason to prevent them. But, the wisdom of Parliament did see *political reasons*, in the nature of the war, and the malignity of our enemy, to enforce the restriction, rather than relinquish our gold coins to such an enemy.

During the second year of the Bank restriction, however, notwithstanding all that orators could say, or pamphleteers could write, there occurred a vast flow of trade, favourable exchanges, cheap silver, and every appearance of general prosperity; except, indeed, that the Bank issues of paper money, had risen, as a necessary consequence

of locking up the gold coins, from 10,403,000*l.* to 12,695,970*l.*: Yet, were there wise men, who thought such an additional issue may have contributed somewhat to our said commercial prosperity. Meantime, *money abounded*, which, in some minds, is the *great good*: And, this favourable state of commercial matters, during *the second year* of the *Bank restriction*, was attributed “to the balance of trade,”—while there was no *adverse balance of payments*. In this prosperous year, 1798, every Hamburg packet imported into this country a large quantity of gold: Much was thus imported, in the natural course of trade; and considerable sums were imported, by commission, from the Bank.

Such, then, was the favourable state of money matters, throughout the prosperous year 1798, notwithstanding the *Bank restriction*! The exchange with Hamburg, in that year, vibrated from 38.2 to 37.: while the average rate of the whole year was about 37.7*½*, which is full 11*½* per cent., in favour of Great Britain. A favourable exchange of 11*½* per cent, produced, as we have seen above, that great inward current of bullion, before mentioned; there being no adverse circumstances of *loans*, or *subsidies* to foreign powers, to check the fulness, and rapidity of its flow. *

* The Bank issues of paper fluctuated, in 1798, from 12,000,000*l.* to 13,000,000*l.* There was, in the same year,

But, is it not apparent, from those proofs, that if a *favourable exchange* of $11\frac{1}{2}$ per cent. produced so great an inward current, an *unfavourable exchange* of $11\frac{1}{2}$, equally unchecked, by any collateral circumstances, would, in the same manner, produce an *outward current* of equal flow, and fulness? Now; the *adverse exchanges* of 1809 being $11\frac{1}{2}$ per cent., below par, what must have been *the current of bullion exported!* This deduction seems to decide the whole question, concerning the cause, and the effects of the adverse exchanges, in 1809.

It may here gratify a reasonable desire of information, to see a *Comparative State, tablewise*, of our domestic, and foreign trade; of our *circulation* and *exchanges*; of the *prices of gold and of silver*, with the *value of gold coined*, and the *bullion exported*; during the twenty years, ended with 1809, including four years of *peace*, and sixteen years of *war*. The first of the ten columns exhibits the epochs of peace, and of war; the second, by showing how many laws were made, for local meliorations, exhibits the various

an export of bullion to our factories abroad of 1,264,287*l.*, which, we may infer, had little, or no effect, while the current of bullion set in, with such abundant influx. The balance of trade, to which such great effects were attributed, as it appeared on the Customhouse books, was only 5,743,888*l.* But the favourable exchange was $11\frac{1}{2}$ per cent. above the par.

improvements of our Island, during those twenty years. The third, the fourth, and fifth columns, instruct the reader how many ships were required, to export the cargoes of our surplus products, with the value thereof, and the amount of the commercial balance of our over-sea traffick. The sixth column contains the sum of the Bank notes, which were circulated, during every year, in the same proportion, nearly, as our trade, domestic, and foreign, increased. The seventh exhibits the Hamburg exchanges ; as a sort of representative of the whole, after the fall of so many *free towns*, the seats of exchanges, and of commerce. The eighth, ninth, and tenth columns show the prices of gold and silver, in London, according to the demand, and supply, arising partly from the exchanges, favourable, or unfavourable ; the value of gold coined, and the value of bullion exported, in the midst of so many revolutions, both political, and commercial.

It is a point agreed, then, from the experience of the past, and the facts of daily life, that every measure, which tends to raise the balance of payments against this country, necessarily, brings the exchange to unfavourable vibrations, and carries out bullion, whatever can be opposed to its issue. * We may see additional proofs of this truth,

* Such were the fluctuations of 1799, owing to those causes, that the Hamburg exchange fell from $11\frac{1}{2}$ above par, to $6\frac{1}{2}$ below par : And, notwithstanding the great exportations



A Comparative STATE, showing when, and on what during the 20 years, ended with 1809: The 1st Col^l Legislative Acts, which passed, in each year, for 4th, and 5th, represent the whole Shipping, outwards, now the Bank issues, (excluding Post Bills), in each year favourable, or adverse; the three concluding Columns the Foreign Coin and Bullion, exported: The Epoch.

(1.)	The ACTS OF PARLIAMENT for LOCAL IM- PROVEMENTS	(2.)	The SHIPS Cleared Out, (British and Foreign.) TONS.	The OFFICIAL VALUE of EXPORTS.	(4.)	THE BALANCE OF SHIP- MENT TRADED.
			(3.)			(5.)
Peace:	1790	No. 86	1,573,831	20,120,121	9	2. 4. 0.
	1791	116	1,695,975	22,731,995	3,0	17. 6.
	1792	131	1,736,563	24,905,200	5,2	11. 2.
War:	1793	171	1,427,234	20,390,180	1,1	5. 0.
	1794	136	1,600,245	26,748,083	4,4	17. 6.
	1795	139	1,528,017	27,123,539	4,3	4. 0.
	1796	129	1,732,980	30,518,913	7,3	10. 0.
	1797	151	1,500,052	28,917,010	7,9	5. 0.
	1798	107	1,684,870	33,591,777	5,7	5. 0.
	1799	129	1,717,525	33,640,357	6,8	15. 0.
	1800	162	2,130,522	38,120,120	7,5	3. 6.
	1801	127	2,150,501	37,786,857	4,9	10. 0.
	1802	180	2,068,689	41,411,966	9,9	17. 0.
Peace:	1803	204	2,027,608	31,438,495	3,4	2. 3.
	1804	127	2,051,135	34,451,367	5,2	17. 9.
	1805	148	2,101,030	34,954,845	4,6	7. 5.
	1806	180	2,054,472	36,527,185	7,6	3. 3.
	1807	190	2,056,015	34,566,571	5,7	0. 0.
	1808	172	1,654,955	34,554,268	4,9	0. 0.
	1809	243	2,230,902	50,301,763	14,0	0. 0.

in the singular state of our commerce, during the memorable year 1809. There was a vast export of merchandize, far beyond the example of former years ; there was an immense balance, on our general trade, with the world; amounting to almost 15,000,000l. of real value.* And yet, a most

exports of the years 1800 and 1801, the exchange, in the first year, was 6 per cent. *below par*; and in the second year, 1801, continued *below par*, 6½ per cent. : Nay ; though the peace of Amiens was, at length, made ; and 1802 was a year of uncommon export ; yet, the exchange of 1802 was still 2½ *below par*. Those facts, and circumstances, convert the reasonings of the merchants, and brokers, into experience. When the vast exports of 1802, however, were brought round upon the *balance of payments*, in 1803, the exchange with Hamburg rose to 1½ per cent. *above par*. And, in the hostile years 1804-5-6-7 and 1808, the exchanges, owing to our great trade, in the absence of foreign loans, continued *above the par*. It was the vast imports of 1809, with the obstruction of remittances in goods, owing to the revolutionary causes before mentioned, which converted those *favourable* exchanges to a *ruinous* exchange of 11½ per cent. *below par*; and which, nothing but the vast resources of this country could withstand.

* There were exported from Great Britain, of merchandize, according to the computation of the *real value*, in 1809,

To the north of Europe, including France	- L. 14,574,983
To Spain	- - - - - 3,035,045
To Portugal	- - - - - 1,124,098
To Gibraltar, Malta, Sicily, the Levant	- - 8,456,211
To Ireland, Man, Guernsey, and Jersey	- - 7,565,599
To Asia	- - - - - 2,990,440

Carry overL. 37,746,376

H h

extraordinary import, from the north of Europe, in that year, turned the balance of payments, in favour of Hamburg ; while revolutionary means were employed, on the neighbouring Continent, as well as in America, to prevent the funds of the importers, from reaching their friends, in that great emporium. The exchange fell below par to 11½ per cent. ; and bullion was sent out, at whatever price, and risk, to answer the unfavourable balance of *payments*, between the north of Europe, and Britain. The foregoing facts and circumstances, then, are adequate causes to produce the disadvantageous effects of an adverse exchange of 11½ per cent. ; of the export of gold and silver ; and of the consequent rise of the prices of bullion, in the markets, at home : And, we are, therefore, justified, in saying, if the revolutionary system of the dominator of Europe, should cease, what has happened, in our commercial affairs, during the most prosperous times, would again happen.

When the exchange with Hamburg became adverse to the extent of 11½ per cent. ; when the price of gold rose to be 4l. 2s., and silver 5s. 11d. ; when the bullion ran out, faster than it had run

Brought over,	L. 37,746,976
To Africa - - - - -	976,872
To the United States of America - - - -	7,460,763
To the other parts of America, including W. Indies	19,833,696
The whole exports to all parts, during our blockade	L. 66,017,712

in, during 1798 ; and the mint could no longer coin upon any reasonable principles : the House of Commons appointed a Committee, to inquire into the causes, and effects, of those commercial derangements. This Committee sat, during many months ; examining men, whom they did not credit, and investigating points, that could lead to no useful end : A report was at length made, which treated a very important subject, that interested every one's business, or bosom, from abstract principles, idle theories, and a bold defiance of common sense. But, *the House* refused to adopt what it could not approve ; and perhaps what it could not redress : Foreign exchanges are precisely one of those objects, which legislation cannot regulate, any more than the depreciation of money, and the change of the seasons.

Our circulation, and bullion, our exchanges and commerce, were thus left to regulate themselves, by finding their own course, in the world ; while our island was blockaded, as far as Bonaparté's denunciation could do it. The following detail will show the more curious reader what course our exports took, under such a blockade, in the seven years, ended with 1811, being the *Real Value* of the whole exports, from Great Britain, to every country, during the *said blockade*.

Exports.	1805.	1806.	1807.	1808.	1809.	1810.	1811.
	Real Value. £.						
To the North of Europe, } and France - - -	16,647,474	19,428,684	10,819,729	5,431,532	14,574,983	13,857,946	9,483,091
— Spain - - - - -	186,660	62,305	105,368	1,117,053	3,035,045	1,743,924	1,495,865
— Portugal - - - - -	2,027,650	1,777,549	1,170,221	600,137	1,124,098	2,228,833	6,164,858
— Gibraltar, Malta, Sicily, } the Levant - - -	1,574,156	2,278,705	3,325,196	6,834,401	8,456,241	6,393,867	7,393,390
— Ireland, Man, Guernsey, } and Jersey - - -	6,400,363	5,813,650	7,032,272	7,971,694	7,565,599	5,765,464	7,210,699
— Asia - - - - -	3,111,748	3,259,834	3,555,992	3,718,813	2,990,440	3,117,075	3,063,971
— Africa - - - - -	1,156,955	1,655,042	1,022,745	820,194	976,872	693,911	409,075
To the United States - - -	11,446,939	12,865,551	12,097,942	5,302,866	7,460,768	11,217,685	1,874,917
To other parts of America, } and West Indies - - -	8,557,186	11,887,561	11,359,796	18,173,056	19,833,696	17,689,707	12,843,754
The whole exports to all } parts - - - - -	51,109,131	53,028,881	50,482,661	49,969,746	66,017,712	62,702,409	43,939,620

This document shows, then, the Revolutions of our over-sea trade, during the last seven years of a malignant war. We may see a considerable diminution of our exports, in 1811: It was owing to a falling off, in our exports, to the North of Europe, including France, and to the United States, of no less value than 19,617,772l.: If there had been no such diminution, under those two heads, there would have been, in 1811, a full export of 63,557,392l., which had been a rival cargo to that of 1809. The cause, therefore, of the diminution of our oversea-trade, in 1811, was *revolutionary*. During the same year, we had a great augmentation of our fisheries; little diminution in our manufactures; and no relaxation of our domestic meliorations.* And, of course, we lost neither our people, nor their skill, their

* The subsequent details will strengthen the proofs of our continued prosperity, as stated above:—

Of cotton wool, there were imported, yearly, according to a five years average, ending	lbs.
with 1796 - - - - -	27,366,933
Do. 1801 - - - - -	42,125,865
Do. 1806 - - - - -	58,776,780
Do. 1811 - - - - -	87,861,808

Of cotton manufactures, there were export- ed, from Great Britain to all parts, accord- ing to a three years average, ending with 1810, the official value of	L. 16,501,404
Of cotton yarn,	Do. Do. L. 915,815 Of

capital, nor their enterprizes, which are some of the truest sources of our opulence, and our power. The gross revenue of the posts, which, in 1793, yielded 607,268l., produced, in 1811, no less than 1,374,130l., an increase, which evinces a vast augmentation in the intercourses of the people, their business, and their abilities, whatever additions may have been made, meantime, to the postages, or obtained, from improvements. Another proof of the prosperity, and of the wealth of the people, may be found, in contemplating the domestic manufacture of the precious metals, during recent times: During the ten years, ending with 1797, there were made into gold

lb.

<i>plate,</i>	- - - - -	10,171
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In ten years, ending with 1809, there		
were made	- - - - -	16,942

In the first period, there were made of		
<i>silver</i>	- - - - -	919,283

In the second period	- - - - -	1,130,451
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Yet, we are not content! We complain not so much of *want*, as of *dearness*. But, there is rea-

Of woollen manufactures	Do.	Do.	-	5,347,956
Of linens	-	Do.	-	1,016,600
Of iron and steel		Do.	-	1,382,674
Of brass and copper		Do.	-	472,056
Of tin and pewter		Do.	-	244,641

Add 50 per cent. to bring those great sums to the *real* value of those general articles. And the above detail evinces, how many of our industrious classes were then employed, beneficially, for themselves, and the public.

son to fear, that *prosperity* and *cheapness* seldom accompany each other, in the same land of freedom. Those “idle clamours” are uttered in various ways, by very different persons. One of the most common complaints is, *the depreciation of money*, or rather, *the dearness of provisions*. I have already discussed those points, as they then appeared to me, during the *dear years*, that are passed.* Considering the same topics, now under dissimilar aspects, I am led to somewhat different conclusions. It may, I think, be doubted, whether the *pound sterling*, or money of account, can depreciate; not being a coin, but *a fictitious unit*: neither, perhaps, can a guinea, being a coin, which passes by weight, as well as by tale, become depreciated, though, as bullion, it may sell, in foreign countries, at the market price of such a commodity. The *depreciation of money*, then, is merely a commodious, but, not the true mode of speaking, on this difficult topic. The secret Committee of the House of Commons, 1797, expressed the same idea more delicately, as well as, more truly, when they spoke of “the *advanced price of labour*, and of all the necessaries of life, and almost every kind of commodity:” † The *money unit*, or *pound sterling*, therefore, does not depreciate; but, it is the necessaries of life, and almost every commodity, which have advanced, in their prices. This intimation equally applies to bank notes, or to guineas. When we speak of rising and falling; of depreciation, and enhancement; we must

* See before, p. 257—60.

† Report.

have some *standard* in our minds; from which any thing declines, or advances. The late Dr Adam Smith considered the bushel of wheat, as the standard of values: The late Sir George Shuckburgh, when he formed his table of appreciation, regarded the necessaries of life, as the proper standard of prices: And undoubtedly the physical necessities are the appropriate standard of labour, and commodities. The money unit, then, or pound sterling, does not decline from this standard; but, it is the necessities of life, which advance from the money unit, or pound sterling.

If money, then, does not depreciate, and it is only prices, which rise; if the pound Sterling be fixed, and the bank note be as stable as it, by identification, both by law, and usage, can it be said, in fair discussion, by those, who understand the question, that the operations of the bank of England enter, *directly* into contact with prices, though they may *circuitously*? For, the *bank paper* promotes industry, commerce, and circulation; these create wealth; riches beget luxury; luxury induces consumption; and consumption, by augmenting the demand, necessarily tends to raise the prices of labour, and of commodities: It is, in this sense, then, that I mean to say, that the operations of banks may, *circuitously*, come into contact with prices: But, the operations of banks also tend, to make us an enterprizing, commercial, money-making, and free spending people.

We may now perceive, that it is the plenty, or

scarcity, and other circumstances of supply and demand, which rule the prices, more than the plenty of money, which no one will part with, but on some urgent occasion. MAGENS, who is known to the world, as an experienced merchant, and recognized, as an intelligent writer, has argued this interesting subject, with great knowledge of men, and things. Thus, he insists: "It is
"with *labourers*, as with *commodities*; the price
"is governed by *plenty*, or *scarcity*, more than
"the abundance of money: And, we see, daily,
"he adds, that the price of grain is not ruled, by
"the plenty, or scarcity of gold, or silver, but,
"by its own superabundance, or defect, where
"we raise more, than we can vend, or where we
"could vend more than we can raise: So, with
"labourers, we conclude, when they are scarce,
"they command their wages; when plenty, the
"wages command them; that is to say, they
"will work, for less gold, and silver, in one case,
"than in the other: Hence, it is evident, that
"gold and silver, are as much balanced, by the
"plenty or scarcity, of other things, as they are,
"by gold, and silver: And upon that balance
"depends the difference of prices."* If those
representations of the very intelligent MAGENS
be true, and every observant man, will find an
echo to his opinions, in his own recollections;
may we not infer, that the idle talk, which we

* Magens's Univer. Merchant, 1753. p. xv.—xx.

hear, about bank paper, and high prices, is more feigned than felt ; and is, merely, an outcry of our being an industrious, and enterprizing, a commercial and opulent, a noble and generous, people.

The converse of these conclusions is well argued, by one of the most accurate of writers, in this manner : * “ Since the plenty of money, in a nation, which has no mines of its own, is greatest, or less, in proportion to its trade with other nations ; it may be asked, whether to promote trade, and consequently, to make a poor nation grow rich, money may not be settled, at a low interest, by law, according to the opinion of Sir Josiah Child, and others ? I answer, that this cannot be done, without doing manifest injustice to all those who have their fortunes in money : Nor, need it be done, if it be considered, that when a nation is poor, all commodities, particularly provisions, and land, are cheap, and labourers, and manufacturers, work for low wages ; on which account, persons, who borrow money, at high interest, to carry on trade, will have that interest repaid, with sufficient profit, when the commodities, which they bought cheap, at home, are sold dear, in the foreign markets of rich nations.” When we compare together those accurate representations of MAGENS and

* The late Dr Bryan Robinson, in his scientific Essay on Coins—Dublin, 1757, p. 20. Unhappily for his country, he died, when senior Professor of Physic, in the University of Dublin, at Dublin, on the 26th January 1754.

ROBINSON, may we not infer from them, that if the object, in question, were, to obtain *low prices* of land, and labour; of provisions and commodities; the adequate means must be, to impede our circulation, and oppress our commerce, to run down private credit, and so undermine, at once, the foundation of the Bank, and the stability of the State. But, of such topics enough. It were vain, to talk with tattle, to reason with ignorance, to set right prejudice, or to outargue factiousness: “A young academist,” saith WATTS, “shall dwell upon trade, and politics, in a dictatorial style; while at the same time, persons, who are well skilled, in those different subjects, hear the im-pertinent tattle, with a just contempt.”

We have now run over, historically, the *Domestic Economy* of Great Britain, and Ireland, from the earliest, to the present times. We have seen both, in their infancy, and traced their progress, as they, severally, advanced to manhood. In obeying the divine command, *to increase and multiply*, we have seen the reduplications of populousness, in both our Isles. We have witnessed the obstinate controversy, concerning the population of the United Kingdom, closed, by enumerations, which confuted, by facts, the *unscriptural* doctrines of a declining populosity. We have beheld the operations, and the effects, of another divine sentence; “By the sweat of thy brow shalt thou live;”

—“The sweat of industry would dry, and die,
“But, for the end, it works to.”——

Under such influences, we have perceived much performed, though much remains yet to be done, in the United Kingdoms, before that end can be finally obtained. To draw mankind, from idleness to labour, is one of the hardest tasks, which human legislation has to perform. The *statute book* is the best proof, how many laws have been passed, age after age, for inciting industry, for rewarding ingenuity, for protecting property, for creating and sustaining private and public credit, for executing justice, for preventing wrong. In our progress, we have reviewed some of those laws. And what the necessary effects were, in producing a flourishing agriculture, vast manufactures, a most numerous shipping, a trade unexampled in its amount, and value, with a prodigious credit, both public, and private. Such effects could not have been produced, amidst taxes, and wars, but by the persevering efforts of a people at once free, and industrious, who continually increased in numbers, and constantly reproduced new capitals, age after age, as their gains accumulated. But, if gainful prosperity should be followed by "shapeless idleness,"—"ten thousand harms more than the ills we know, such idleness must hatch :" Defiance of law, and contempt of magistracy, profligacy of principle, and desire of plunder, a disinclination to labour, and a passion for promoting the same principles, and practices, in their less vicious fellows. If party should, meantime, enter into questions, con-

cerning our circulation and coin, our bullion and banking, our exchanges and correspondences ; our private credit and national commerce would be in a perilous state : And there would be cause to apprehend with WALLER :

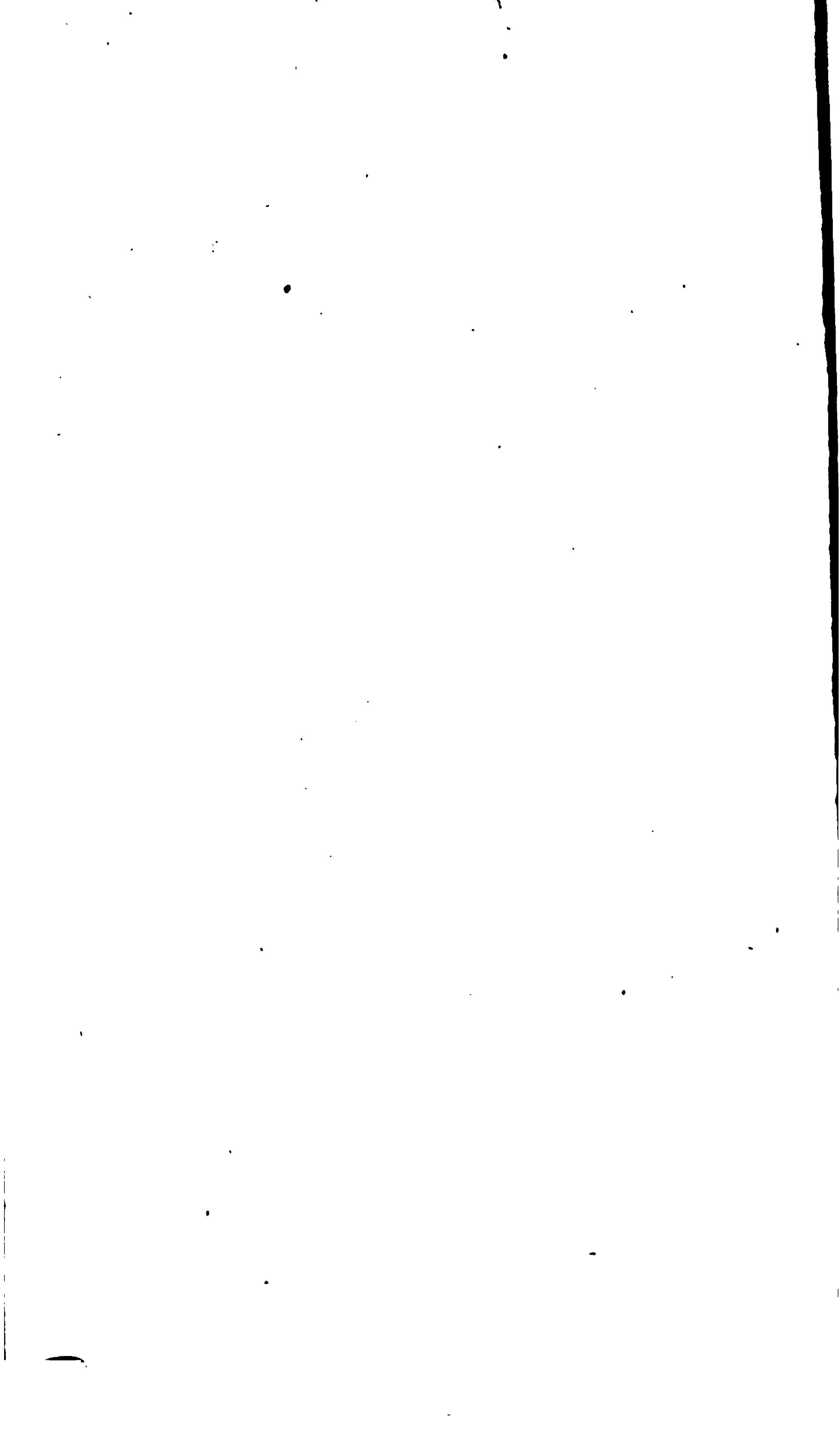
“ More danger, now, from man alone, we find,
“ Than from the rocks, the billows, and the wind.”

But, in our commerce, as much as in our constitution, there is a power of resuscitation, which, occasionally, interposes, to save the state, as well as to restore our traffic. * Experience justifies this observation. An impeded circulation has often distressed our flourishing manufactures : and foreign wars have sometimes deranged our oversea trade. Yet, patient industry, and ingenious enterprise, have never failed to restore both to their former vigour, and usual success ; to their gainful intercourse, and their accustomed reduplications. Nothing more is wanting, than recurrence to old habits of diligence, and perseverance in commercial courses, which success had already justified. Let us, then, with MILTON, conclude,

— “ Thrice happy, if they know
“ Their happiness, and persevere upright ! ”

* See the Chronological Table.

FINIS.



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